

Commentor No. 2210: Jean Cypher

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

I understand & sympathize with the need for radioactive isotope production. I also find arguments for this use of a defunct reactor site compelling, economically. However, any productive use of Hanford cannot be viewed separately from its enormous subsurface contamination problems. The environmental, health & therefore economic implications of these are so overwhelming I feel all efforts at Hanford should be devoted exclusively to clean-up.

Name Jean Cypher DVM Address 6900 Hwy 30

City The Dalles State OR ZIP 97058

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2210-1 || 2210-2

2210-1

Response to Commentor No. 2210

2210-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

As discussed in Section 4.3 of Volume 1, implementation of Alternative 1, Restart FFTF, would pose no significant risk to human health or safety.

2210-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2211: John Aruill

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2211-1 || 2211-2

No more production until the waste disposal problem has been dealt with in an environmentally-safe manner

2211-3

Sincerely,

Name John Aruill Address 16270 Gigate Drive Rd
City Bainbridge Island State WA ZIP 98110

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2211

- 2211-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2211-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2211-3: DOE notes the commentor's concern regarding waste generation. The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision. The waste generated from any of the proposed alternatives in the NI PEIS will be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

Commentor No. 2212: Maryanne Griffin

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor

*until all of the radioactive material
already stored (privately) at Hanford is
taken care of - we should not start
up any more reactors to add to
the problem.*

Sincerely,

Name *Maryanne Griffin* Address *3002 N. Union*
City *Tacoma* State *WA* ZIP *98407*

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2212-1 || 2212-2

2212-3

Response to Commentor No. 2212

- 2212-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2212-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF, and opposition to Alternative 1, Restart FFTF.
- 2212-3:** See response to comment 2212-2. As stated in Section N.3.2, implementation of the nuclear infrastructure alternatives would not divert or reprogram funds designated for Hanford cleanup, regardless of the alternative(s) selected.

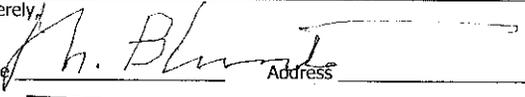
Commentor No. 2213: Marilyn Blunt

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

|| 2213-1 || 2213-2

Sincerely,


Name _____ Address _____

City _____ ZIP _____



Marilyn Blunt
8043 42nd Ave NE
Seattle WA 98115-5103

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2213

- 2213-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2213-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2214: Joshua Berger

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

UNTIL A CONCRETE PLAN IS IN PLACE
 TO CLEAN UP THE ALREADY SEVERELY CONTAMINATED
 HANFORD NUCLEAR RESERVATION, I AM 110%
 OPPOSED TO ANY NEW PLUTONIUM PRODUCTION.
 RESTARTING FFTF IS CARELESS, DANGEROUS
 AND VERY VERY IRRESPONSIBLE.

Sincerely,

Name JOSHUA BERGER Address 1123 SE 36TH
 City PORTLAND State OR ZIP 97214

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2214-1 || 2214-2

2214-1

2214-3

Response to Commentor No. 2214

2214-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford and opposition to plutonium-238 production. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not have an impact on ongoing Hanford cleanup activities.

As discussed in Section 1.2.2 of Volume 1, plutonium-238 would be produced to support NASA's deep space missions.

2214-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF, and opposition to Alternative 1, Restart FFTF.

2214-3: This PEIS provides estimates of the human health impacts associated with a range of reasonable alternatives (including restart of FFTF) for the production of isotopes for medical uses, research and development, and as heat sources for radioisotope power systems. Section 4.3 of Volume 1 provides the results of the evaluation of potential health impacts that would be expected to result from implementation of Alternative 1 (which includes restart of FFTF), including normal operations and a spectrum of accidents that included severe accidents. The environmental analysis showed that radiological and nonradiological risks associated with restarting FFTF would be small.

Commentor No. 2215: Roland Hoyt

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

|| 2215-1 || 2215-2

Sincerely,

Name


Roland Hoyt

Address

PO box 23144

City

Seattle

State

WA

ZIP

98102

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2215

- 2215-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2215-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2216: Ed Newell

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

Please: First concentrate on cleaning
up the Nuclear Contaminates we already have.
Make your legacy one of cleaning up
rather than contributing to more waste.
Don't start up Hanford's FFTF Nuclear
Reactor

Sincerely,

Name Ed Newell Address 24335 24th Ave S
City Des Moines State Wa ZIP 98188

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2216-1 || 2216-2

2216-1

2216-3

Response to Commentor No. 2216

- 2216-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not have an impact on ongoing Hanford cleanup activities.
- 2216-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF, and opposition to Alternative 1, Restart FFTF.
- 2216-3: See response to comment 2216-2.

Commentor No. 2217: Sally Jackson

Dear Secretary (Name redacted),

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

We're tired of fighting against nuclear issues here in Washington State, but we'll never quit until anything nuclear is shut down and cleaned up!

Sincerely, Sally Jackson
17th Reg Dist Democratic Chair

Name Sally Jackson Address E 11722-64
City Spokane State Wa ZIP 99226

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2217-1 || 2217-2

Response to Commentor No. 2217

- 2217-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not have an impact on ongoing Hanford cleanup activities
- 2217-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2218: Elwyer White

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*Hanford is the most polluted area in
the United States, and we certainly do
not need another operating reactor
producing more nuclear waste.
Let's concentrate on cleaning up the
existing mess.*

Sincerely,

Name Elwyer White Address 1300 NE 16th Av
City Portland State OR ZIP 97232

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2218-1 || 2218-2

2218-1

Response to Commentor No. 2218

- 2218-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford and opposition to implementation of Alternative 1 Restart FFTF). Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not have an impact on ongoing Hanford cleanup activities.
- 2218-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2219: Gary L. Westerlund

Secretary Michael...

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

No reactors including the FFTF nuclear reactor should be restarted at Hanford before existing nuclear wastes are thoroughly cleaned up at Hanford. No reactors should be restarted until there is a leak proof, totally safe way of dealing with the wastes. I doubt this is possible.

Sincerely,

Gary L Westerlund

Name Gary L Westerlund Address 9623 S 205th Pl

City Kent State WA ZIP 98031

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2219-1 || 2219-2

2219-3

2219-4

Response to Commentor No. 2219

- 2219-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not have an impact on ongoing Hanford cleanup activities.
- 2219-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF, and opposition to Alternative 1, Restart FFTF.
- 2219-3:** See response to comment 2219-2. As stated in Section N.3.2, implementation of the nuclear infrastructure alternatives would not divert or reprogram funds designated for Hanford cleanup, regardless of the alternative(s) selected.
- 2219-4:** DOE notes the commentor's concern regarding waste generation. The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision. The waste generated from any of the proposed alternatives in the NI PEIS will be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

Commentor No. 2220: Kathleen M. Tibbet

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2220-1 || 2220-2

We can see the results of pollution all around us. What can the gains possibly be? against the risk of destroying the Columbia River and its area around it. How can you conscientiously further this abomination.

Sincerely,

Name Kathleen Tibbet Address 12235 SW James
City Tigard State OR ZIP 97223

2220-3

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2220

- 2220-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford and support for Alternative 5 (Deactivate FFTF with no new missions). Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not have an impact on ongoing Hanford cleanup activities.
- 2220-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2220-3:** DOE notes the commentor's concern regarding the potential risk of contaminating the Columbia River. The proposed actions delineated in the NI PEIS would not have an impact on the Columbia River. FFTF is located approximately 4.5 miles from the Columbia River. There are no discharges to the river from FFTF and no radioactive or hazardous discharges to the groundwater. Analyses presented in Chapter 4 of the NI PEIS (e.g., Sections 4.3.1.1.4, 4.3.3.1.4, 4.4.3.1.4, 4.5.3.2.4, and 4.6.3.2.4) indicate that there would be no discernible impacts to groundwater or surface water quality at Hanford from operation of the Hanford facilities that would support the proposed actions. Also, no water quality impacts would be expected as a result of permanent deactivation of FFTF (Section 4.4.1.2.4).

Although not within the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. Such cleanup would greatly reduce the potential for contaminating the Columbia River. The proposed actions delineated in the NI PEIS would not have an impact on these Hanford cleanup activities. As stated in Section N.3.2, implementation of the nuclear infrastructure alternatives would not divert or reprogram budgeted funds designated for Hanford cleanup.

Commentor No. 2221: B. Goodsitt

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

|| 2221-1 || 2221-2

There are too many health risks and dangers to the environment. As a former Washington resident, I implore you to shut down the FFTF nuclear reactor

2221-3

2221-2

Sincerely,
Name B. Goodsitt Address 3247 Bellflower Ct
City Ann Arbor State MI ZIP 48103

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Dear Secretary Richardson:

Response to Commentor No. 2221

2221-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.

2221-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

2221-3: The commentor's opposition to the restart of FFTF is noted. This PEIS has provided an estimate of the incremental potential human health impacts associated with a reasonable range of alternatives (including the restart of FFTF) for the production of isotopes for medical uses, research and development, and as heat sources for radioisotope power systems. The methodology used is intended to provide realistic results based upon our current knowledge of the health impact of low doses of radiation. Section 4.3 of Volume 1 provides the results of the evaluation of potential health impacts that would be expected to result from implementation of Alternative 1 (which includes restart of FFTF), including normal operations and a spectrum of accidents that included severe accidents. The environmental analysis showed that radiological and nonradiological risks associated with restarting FFTF would be small.

The NI PEIS identifies (in Chapter 3 of Volume 1) endangered species that live on or near all of the candidate sites, as well as aquatic and wetlands areas that may be impacted by operations at candidate locations. According to an International Atomic Energy Agency (IAEA) publication (IAEA Technical Report Series No. 332, Effects of Ionizing Radiation on Plants and Animals at Levels Implied by Current Radiation Protection Standards), a dose rate of 100 millirem per year to the most exposed human will lead to dose rates to plants and animals of less than 0.1 rad per day. The IAEA concluded that a dose rate of 0.1 rad per day or less for animals and 1 rad per day or less for plants would not affect these populations. The largest individual dose for any of the nuclear

Response to Commentor No. 2221

infrastructures alternatives under normal operations would be less than 0.1 millirem, which is three orders of magnitude less than the IAEA threshold for adverse effects. Therefore, implementation of any of the range of reasonable nuclear infrastructure alternatives analyzed would not be expected to result in adverse impacts on plants and animals living in potentially affected areas around the candidate sites.

Commentor No. 2221: B. Goodsitt (Cont'd)

Commentor No. 2222: Betty L. Hawkins

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*We do not want more plutonium
production at Hanford. We do
not want to endanger
the Columbia River. Work
should be on clean-up.*

Sincerely,

Name Betty L. Hawkins Address 25801 Stuckey SW
City Washou State WA ZIP 98070

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2222-1 || 2222-2

|| 2222-3

|| 2222-1

Response to Commentor No. 2222

- 2222-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2222-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2222-3:** DOE notes the commentor's opposition to plutonium production at Hanford and position concerning impacts to the Columbia River from FFTF restart. FFTF is approximately 4.5 miles from the Columbia River. There are no discharges to the river from FFTF and no radioactive or hazardous discharges to groundwater. As indicated in analyses presented in Chapter 4 of Volume 1 (e.g., Sections 4.3.1.1.4, 4.3.3.1.4, 4.4.3.1.4, 4.5.3.2.4, and 4.6.3.2.4), there would be no discernible impacts to groundwater or surface water quality at Hanford from operation of Hanford facilities that would support the nuclear infrastructure missions described in Section 1.2 of Volume 1.

Commentor No. 2223: Sara Moses

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

|| 2223-1 || 2223-2

Feel very strongly. Family
votes based on this issue.

Sincerely,

Name Sara Moses Address POB 5
City Had River State OR ZIP 97031

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2223

- 2223-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2223-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2224: Gretchen Johnson

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2224-1 || 2224-2

We sure don't want Underground High level Nuclear Waste Tanks - leaking or not.

|| 2224-1

Sincerely,

Name *Gretchen Johnson* Address *1208-8th W*
City *Seattle* State *WA* ZIP *98119*

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2224

- 2224-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities. As discussed throughout Section 4.3 of Volume 1, none of the proposed alternatives would add waste to the high-level waste tanks at Hanford.
- 2224-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2225: Dawn Paymaut

Dear Secretary (Name/Address),

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

There is so much propaganda about the salmon being endangered. Surely the radioactivity leaking into the Columbia River can't be good for the salmon or any other living thing!

Sincerely,
Name Dawn Paymaut Address 1541 Olympic View Dr
Silverdale Redmond
City _____ State WA ZIP 98383

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2225-1 || 2225-2

2225-1

Response to Commentor No. 2225

2225-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.

FFTF is approximately 4.5 miles from the Columbia River. There are no discharges to the river from FFTF and no radioactive or hazardous discharges to groundwater. As indicated in analyses presented in Chapter 4 of Volume 1 (e.g., Sections 4.3.1.1.4, 4.3.3.1.4, 4.4.3.1.4, 4.5.3.2.4, and 4.6.3.2.4), there would be no discernible impacts to groundwater, surface water, or aquatic life in the Columbia River from operation of Hanford facilities that would support the nuclear infrastructure missions described in Section 1.2 of Volume 1.

2225-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2226: Frank Hull

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

IT IS UNNECESSARY, DANGEROUS IN
THE EXTREME, & I POSITIVELY STRID
TO LEAD THE WORLD BACK INTO ANOTHER
NUCLEAR ARMS RACE. THIS IS A
HIDDEN PART OF THE RIDICULOUS ANTI-
MISSILE CAMPAIGN, I'M AFRAID, NATIONAL
sincerely, DEFENSE WOULD BE WEAKENED, NOT
STRENGTHENED & ONLY THE CONTRACTORS
Name FRANK HULL Address 821 SHOSHONE
City LA CONNER State WA ZIP 98257-9621
WORLD BENEFIT.

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

2226-1 2226-2

2226-3

Response to Commentor No. 2226

- 2226-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2226-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2226-3:** DOE notes the commentor's views. Consistent with its mandates under the Atomic Energy Act, DOE seeks to maintain and enhance its infrastructure for the purposes of addressing three primary needs: 1) to support the need for increased domestic production of isotopes for medical, research, and industrial uses, as initially identified by a panel of experts in the medical field and reaffirmed by the Nuclear Energy Research Advisory Committee; 2) to support future NASA space exploration missions by re-establishing a domestic capability to produce plutonium-238, a fuel source that is required for deep space missions and which the U.S. has no long-term, assured supply; and 3) to support civilian nuclear research and development needs in order to maintain the clean, safe, and reliable use of nuclear power as a viable component of the United States' energy portfolio. However, no component of the proposed action is for the purpose of supporting any defense or weapons related mission. Section 1.2 of Volume 1 was revised to clarify the purpose and need of the proposed action.

Commentor No. 2227: Therese Gesell

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2227-1 || 2227-2

Nuclear waste is poisonous! Why use it at all! There are other resources available for creating energy, ie wind, water, solar, gas etc., none of those create poison as a product. At this point in your technology, it is very irresponsible to use Nuclear Power.

Sincerely,

Name Therese Gesell Address 11427 40th DR SE
City Everett State WA ZIP 98208

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

2227-3

Response to Commentor No. 2227

- 2227-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2227-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2227-3:** DOE notes the commentor's interest in alternative energy sources and opposition to the use of nuclear power, although issues of research and development of alternative energy sources are beyond the scope of this Nuclear Infrastructure PEIS. The DOE missions to be addressed in this EIS, which include the production of medical and industrial isotopes, the production of plutonium-238, and civilian nuclear energy research and development, can currently only be met using nuclear reactor or accelerator technologies.

Commentor No. 2228: David Turnoy

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2228-1 || 2228-2

Please!

Sincerely,

Name David Turnoy Address 811 Wendy Court
City West Linn State OR ZIP 97068

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2228

- 2228-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2228-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2229: Ron Hsik

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

|| 2229-1 || 2229-2

I, and everyone I talk to, cannot believe you would even consider restarting anything at Hanford. We know you would say, we will make it perfectly clear, No new nuclear work at Hanford, and it up and shut it down!

Sincerely,

Ron Hsik
Name Ron Hsik Address 2212 26th St. S.E.
City Bellevue State WA ZIP 98007

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2229

- 2229-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2229-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2230: Dorothy Kimbill

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

|| 2230-1 || 2230-2

*We must clean up existing waste
and not make more!*

|| 2230-1

*We must shut down the FFTF
reactor*

Sincerely,

Name *Dorothy Kimbill* Address *815-5216 E Apt 316*

City *Des Moines* State *Wa* ZIP *98198*

*Please do all you can to
stop making nuclear waste. Thank you!*

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2230

- 2230-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2230-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2231: Mary Rivard

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2231-1 || 2231-2

*HANFORD/The World has enough radioactive
WASTE - STOP ALREADY ->*

No MORE PLUTONIUM production

*I bet YOU don't want more
radioactive poison either secretary
Richardson - Please do the right*

Sincerely,

thing for the WORLD -

Name *Mary Rivard* Address *3620 Burke Ave. Nth*
City *Seattle* State *WA* ZIP *98103*

2231-3

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2231

- 2231-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2231-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2231-3:** DOE notes the commentor's opposition to additional plutonium production and concern regarding waste generation. The plutonium isotope under consideration, plutonium-238, is not weapons material.

The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision. The waste generated from any of the proposed alternatives in the NI PEIS will be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

Commentor No. 2232: Barbara J. Zook

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

|| 2232-1 || 2232-2

Please do not let it take an explosion of a leaking nuclear waste tank to make you realize that this is so wrong & legally, morally, and ethically! Clean it up and leave it shut down! You are endangering many lives & futures.

Sincerely,

Name Barbara J Zook Address 1906 - 24th Ave So.
City Seattle State WA ZIP 98144

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

2232-1

Response to Commentor No. 2232

2232-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

As discussed throughout Section 4.3 of Volume 1, no high-level waste would be added to the high-level waste tanks at Hanford. Radiological and non-radiological risks that would result from implementation of Alternative 1 would be small.

The commentor's support for Alternative 5 (Deactivate FFTF with no new missions) is noted.

2232-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2233: Janet F. Warrington

Dear Secretary Nicholson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*I grew up in the Yakima Valley in the 1940's
+ 1950's less than 70 miles from Hanford.
Certainly the population in the NW has been
at risk long enough!*

Sincerely,

Name *Janet F. Warrington* Address *2616 NE 26 Ave*
City *Portland, OR* State *OR* ZIP *97212-4866*

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2233-1 || 2233-2

2233-3

Response to Commentor No. 2233

- 2233-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2233-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2233-3:** This PEIS has provided an estimate of the incremental potential human health impacts associated with a reasonable range of alternatives including the restart of FFTF) for the production of isotopes for medical uses, research and development, and as heat sources for radioisotope power systems. The methodology used is intended to provide realistic results based upon our current knowledge of the health impact of low doses of radiation. Section 4.3 of Volume 1 provides the results of the evaluation of potential health impacts that would be expected to result from implementation of Alternative 1 (which includes restart of FFTF), including normal operations and a spectrum of accidents that included severe accidents. The environmental analysis showed that radiological and nonradiological risks associated with restarting FFTF would be small. As stated in Appendix H of the EIS, other human health impacts (non fatal cancers and genetic mutations) occur with a lower frequency for the same level of exposure. Since latent cancer fatalities would not be expected among the public, it follows that the expected result for other radiological health impacts would also be small.

Commentor No. 2234: Marian Schwarzenbach

Dear Secretary Richardson,

8/24/00

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor; || 2234-1 || 2234-2

1. The Columbia River, a major fish spawning river in the country, a major water source, must not be polluted with radioactive waste.
2. The ground water in E WA, a major food producing area, must not be ruined.
3. The order to clean up was made, the \$ allocated - What Sincerely, part of "NO" don't you understand?

2234-3

2234-1

Name Marian Schwarzenbach Address 5102-46 Ave NE
 City Seattle State WA ZIP 98105

2234-1

P.S. And didn't the wild fires of this summer point up the additional dangers? We + everyone downstream were extremely lucky - this time.
 Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2234

2234-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.

As stated in Section N.3.2 of Appendix N, implementation of the nuclear infrastructure alternatives would not divert or reprogram budgeted funds designated for Hanford cleanup, regardless of the alternative(s) selected.

With regard to the Hanford wildfire of 2000, the DOE Richland Operations Office, the State of Washington Department of Health, and U.S. Environmental Protection Agency performed environmental monitoring on and around the Site to assess potential radiological impacts. The wildfire did not cause a release of radioactive materials from any Hanford facilities but did result in resuspension of radioactive materials which were already in the environment. The very low levels of radioactive materials that were resuspended were slightly above natural background levels and required several days of analysis to quantify. Information on this event has been made available to the public and can be accessed at <http://www.Hanford.gov/envmon/indes.html>. This site also provides a link to information on the independent offsite air monitoring that was conducted by the U.S. Environmental Protection Agency.

2234-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

2234-3: DOE notes the commentor's position regarding impacts to the Columbia River and groundwater from FFTF restart. FFTF is approximately 4.5 miles from the Columbia River. There are no discharges to the river from FFTF and no radioactive or hazardous discharges to groundwater. As indicated in analyses presented in Chapter 4 of Volume 1 (e.g., Sections 4.3.1.1.4, 4.3.3.1.4, 4.4.3.1.4, 4.5.3.2.4, and 4.6.3.2.4), there would be no discernible impacts to groundwater or surface water quality at Hanford from operation of Hanford facilities that would support the nuclear infrastructure missions described in Section 1.2 of Volume 1.

Commentor No. 2235: Steven C. Peterson

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

I AM AGAINST ANY EFFORTS TO RESTART
HANFORD'S FFTF NUCLEAR REACTOR. I
HAVE A FAMILY THAT LIVES IN WASHINGTON
AND I AM SHOCKED THAT THE D.O.E.
IS SUPPORTING THE RESTART OF THE FFTF
REACTOR. MY FAMILY AND I ARE AGAINST
ANY FURTHER PRODUCTION OF HIGH
LEVEL WASTE.

Sincerely,

Name STEVEN C. PETERSON Address 15635 20TH AVE SW

City SEA State WA ZIP 98166

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2235-1 || 2235-2

2235-3

2235-4

Response to Commentor No. 2235

- 2235-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2235-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2235-3:** See response to comment 2235-2.
- 2235-4:** DOE notes the commentor's concern regarding high-level radioactive waste generation. The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision. The waste generated from any of the proposed alternatives in the NI PEIS will be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

Commentor No. 2236: Don MacRae

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2236-1 || 2236-2

*We must not allow
more liquid High-Level Nuclear
waste to be added to explosive
and leaking tanks that already
threaten the Columbia River!!!*

2236-3

*We must protect the future of
our health, our children, and our
environment.* Sincerely, *Don MacRae*
Name DON MACRAE Address 2900 NW ALPINE L
City CAMAS State WA ZIP 98607-93

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2236

- 2236-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2236-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2236-3:** High-level radioactive waste would not be generated by the activities proposed for any of the alternatives or alternative options. The additional radioactive waste that would be generated from the restart of FFTF (i.e., low-level radioactive waste) would not be stored in the high-level radioactive waste tanks located at Hanford. The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision. The waste generated from any of the proposed alternatives in the NI PEIS will be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

Commentor No. 2237: Sally Brown

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

|| 2237-1 || 2237-2

*Hanford shadows me! I was a kid
down wind in Spokane - yes I was
treated for thyroid problems then.
In 1950 I moved to Portland, OR but
returned summers for college work.
Now you want to send the Columbia
Sincerely, to get me. Help!*

Name *Sally Brown* Address *35853 SW Unger Rd*
City *Cornelius* State *OR* ZIP *97113*

*P.S. My first child - a T fistula infant.
Because of Hanford releases ???*

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2237

2237-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.

2237-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2238: Beth Call

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

How can you propose to spend clean-up funds on restarting FFTF which will add more liquid high-level nuclear waste to explosive and leaking tanks which already threaten the Columbia River? This directly violates the Hanford Cleanup Agreement & threatens the entire Pacific NW with potential accidents & further nuclear contamination. Just last night (Aug. 21) VP Gore pledged to make cleaning up. Sincerely, Hanford a top priority. Don't make a bar out of him.

Name Beth Call Address 102 Otis
City Walla Walla State WA ZIP 99362

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2238-1 || 2238-2
|| 2238-1
|| 2238-3
|| 2238-1
|| 2238-4
|| 2238-1

Response to Commentor No. 2238

2238-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement.

The U.S. Congress funds the Hanford cleanup through the Office of the Assistant Secretary for Environmental Management (EM), and the FFTF through the Office of Nuclear Energy, Science and Technology (NE). The nuclear infrastructure missions described in Section 1.2 of Volume 1 would also be funded by NE, which has no funding connection to Hanford cleanup activities. As stated in Section N.3.2 of Appendix N, implementation of the nuclear infrastructure alternatives would not divert or reprogram budgeted funds designated for Hanford cleanup, regardless of the alternative(s) selected.

A Tri-Party Agreement change was made to place the milestones for FFTF's permanent deactivation in abeyance until the DOE reaches a decision on whether the facility will be used to meet mission needs. Public meetings were held on this formal milestone change. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.

2238-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

2238-3: As identified in Section 4.3.1.1.13 of the NI PEIS, the restart of FFTF would generate about 63 cubic meters of additional radioactive waste (e.g., solid low-level radioactive waste) annually, in addition to nonhazardous wastes. This would account for about 2,205 cubic meters of additional radioactive waste to be generated over the 35-year period of nuclear infrastructure operations and is small in comparison to the waste generated by current Hanford activities. It is DOE's policy that all wastes be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

Commentor No. 2238: Beth Call (Cont'd)

Response to Commentor No. 2238

As discussed in Section 4.3 of Volume 1, no high-level radioactive waste would be added to the high-level radioactive waste tanks at Hanford.

- 2238-4:** FFTF can be safely operated to support the nuclear infrastructure missions described in Section 1.2 of Volume 1. Section 4.3 of Volume 1 provides the results of the evaluation of potential health impacts that would be expected to result from implementation of Alternative 1, including normal operations and a spectrum of accidents that included severe accidents. The environmental analysis showed that radiological and nonradiological risks associated with restarting FFTF would be small.

Commentor No. 2239: Martha Reynuzzo

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2239-1 || 2239-2

*In the wake of our children and
our earth and common sense -
nuclear reactors are dangerous
expensive (especially cleanup) and
not needed. We have many
other options!!!!*

2239-3

2239-4

Sincerely,

Martha Reynuzzo
Name MARTHA REYNUZZO Address _____
City Seattle Wa State _____ ZIP 98109

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2239

- 2239-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2239-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2239-3:** The commentors's opposition to the restart of FFTF is noted. FFTF can be safely operated to support the nuclear infrastructure missions described in Section 1.2 of Volume 1. This PEIS has provided an estimate of the incremental potential human health impacts associated with a reasonable range of alternatives (including the restart of FFTF) for the production of isotopes for medical uses, research and development, and as heat sources for radioisotope power systems. The methodology used is intended to provide realistic results based upon our current knowledge of the health impact of low doses of radiation. Section 4.3 of Volume 1 provides the results of the evaluation of potential health impacts that would be expected to result from implementation of Alternative 1 which includes restart of FFTF, including normal operations and a spectrum of accidents that included severe accidents. The environmental analysis showed that radiological and nonradiological risks associated with restarting FFTF would be small. As stated in Appendix H of the EIS, other human health impacts (non-fatal cancers and genetic mutations) occur with a lower frequency for the same level of exposure. Since latent cancer fatalities would not be expected among the public, it follows that the expected result for other radiological health impacts would also be small.

The environmental impacts of reasonable alternatives to fulfill the requirements of the missions were disclosed and evaluated in the NI PEIS. DOE made every effort to obtain, analyze, and disclose all required information to make a decision on expanding nuclear infrastructure. The costs analysis of proposed actions is not required by NEPA and CEQ

Commentor No. 2239: Martha Reynuzzo (Cont'd)

Response to Commentor No. 2239

regulations to be included in a PEIS. DOE prepared a separate Cost Report to provide additional pertinent information to the Secretary of Energy so that he may make an informed decision with respect to the alternatives presented in the NI PEIS. The report were made available immediately upon release on the NE web site (<http://www.nuclear.gov>) and in the public reading rooms.

- 2239-4:** Consistent with its mandates under the Atomic Energy Act, DOE seeks to maintain and enhance its infrastructure for the purposes of addressing three primary needs:
- 1) to support the need for increased domestic production of isotopes for medical, research, and industrial uses, as initially identified by a panel of experts in the medical field and reaffirmed by the Nuclear Energy Research Advisory Committee;
 - 2) to support future NASA space exploration missions by re-establishing a domestic capability to produce plutonium-238, a fuel source that is required for deep space missions and which the U.S. has no long-term, assured supply; and
 - 3) to support civilian nuclear research and development needs in order to maintain the clean, safe, and reliable use of nuclear power as a viable component of the United States' energy portfolio. Section 1.2 of Volume 1 was revised to clarify the purpose and need of the proposed action.

Commentor No. 2240: Kyle Allan Cleys

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

It is incomprehensible to me how the Department of Energy can even think of restarting Hanford's FFTF nuclear reactor. The last thing we need is more high-level nuclear waste. Please reject the funding and instead focus the Department's resources on cleaning up existing waste.

Sincerely, *Kyle Allan Cleys*

Name Kyle Allan Cleys Address 3954 NE 40th Avenue
City Portland State OR ZIP 97212

Please include

|| 2240-1 || 2240-2

2240-3

2240-4

2240-1

Response to Commentor No. 2240

- 2240-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2240-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF, and opposition to Alternative 1, Restart FFTF.
- 2240-3:** See response to comment 2240-2.
- 2240-4:** DOE notes the commentor's concern regarding high-level radioactive waste generation. The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision. The waste generated from any of the proposed alternatives in the NI PEIS will be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

Commentor No. 2241: D. Vallier

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*I find it hard to believe
that is matter is actually being
discussed. - Please shut down
the FFTF NOW - for good!!!
Clean up is what's needed!!
NOW!!*

Sincerely,

D. Vallier
Name D. Vallier Address 1101 Sherman Ave
City Hood River State OR ZIP 97031

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2241-1 || 2241-2

|| 2241-2

|| 2241-1

Response to Commentor No. 2241

- 2241-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2241-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2242: Frieda S. Walworth

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

Now that we know that nuclear reactors only make more dangerous waste, and since we should be doing away with nuclear weapons, in order to make the entire globe safer, surely making more is a stupid action! Let's clean up Hanford!

Name *Frieda S. Walworth* Address *2406 Kingfisher Ln.*
City *Kelso* State *WA* ZIP *98626*

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2242-1 || 2242-2

2242-3

2242-1

Response to Commentor No. 2242

2242-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.

2242-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

2242-3: As identified in Section 4.3.1.1.13 of the NI PEIS, the restart of FFTF would generate about 63 cubic meters of additional radioactive waste (e.g., solid low-level radioactive waste) annually, in addition to nonhazardous wastes. This would account for about 2,205 cubic meters of additional radioactive waste to be generated over the 35-year period of nuclear infrastructure operations and is small in comparison to the waste generated by current Hanford activities. It is DOE's policy that all wastes be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision.

Commentor No. 2243: Victoria Trumble-Bert

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2243-1 || 2243-2

Sincerely,

Name Victoria Trumble-Bert Address 15665 SE 43rd St
City Bellevue, State WA ZIP 98006

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2243

- 2243-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2243-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2244: Diana Schneider

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2244-1 || 2244-2

We have family here - Family which we believe are having health problems due to Hanford. Safety of people should be well above the reactor. Get this clean up done.

2244-1

Sincerely,

Name *Diana Schneider* Address *520 Frontier 2 Drive*
City *Yakima* State *WA* ZIP *98908-9096*

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2244

2244-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.

The commentor's concerns about impacts of the Hanford Site on human health are noted. Health effects studies that have been conducted in the Hanford Area are described in Section 3.4.9.3. Impacts that would result from implementation of Alternative 1, Restart FFTF, are discussed in Section 4.3 of Volume 1. Implementation of Alternative 1 was estimated to pose no significant risk to persons residing in the Hanford Area.

2244-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2245: Krista and Chuck Orider

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

We don't need to create more nuclear waste. Our children need to be safe and all future generations must have the right to protection as well.

Clean up Hanford. Try some of the European standards of water & clean air.

Sincerely,
 Name Krista + Chuck Orider Address 5111 NE 76th St
 City Vancouver State WA ZIP 98661

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2245-1 || 2245-2

2245-1

2245-3

Response to Commentor No. 2245

2245-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.

Impacts that would result from implementation of Alternative 1 (Restart FFTF) are discussed in Section 4.3 of Volume 1. Implementation of Alternative 1 was estimated to pose no significant risk to persons residing in the Hanford Area. Health effects studies that have been conducted in the Hanford Area are described in Section 3.4.9.3.

2245-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

2245-3: DOE has evaluated the effects of the various alternatives using the applicable standards as discussed in Chapter 5. European standards for water and air are not applicable to these alternatives.

Commentor No. 2246: Ann Wopat

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*We try to teach our children
to honor our "words" - our agreements.
Why is it suddenly OK to turn
our backs on this commitment to
clean up this waste area? We
owe it to future generations to do the right
thing.*

Sincerely, *Ann Wopat*

Name Ann Wopat Address 7335 34th Ave NE
City Seattle State WA ZIP 98115

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2246-1 || 2246-2

2246-1

Response to Commentor No. 2246

- 2246-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2246-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2247: Walter Smick

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*In view of existing problems and what
appears to be intended future plans -
Am afraid of what will happen to the
Columbia. Not to mention the potential
devastation awaiting the citizens in the
Hanford vicinity. Please don't hurt the people
By starting up the reactor*

Sincerely,

Walter Smick

Name _____



Walter Smick
4912 NE 114th St.
Vancouver, WA 98686

City _____

ZIP _____

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2247-1 || 2247-2

|| 2247-3

|| 2247-4

Response to Commentor No. 2247

- 2247-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2247-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2247-3:** DOE notes the commentor's concerns for impacts to the Columbia River from existing contamination at Hanford and from FFTF restart. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- FFTF is approximately 4.5 miles from the Columbia River. There are no discharges to the river from FFTF and no radioactive or hazardous discharges to groundwater. As indicated in analyses presented in Chapter 4 of Volume 1 (e.g., Sections 4.3.1.1.4, 4.3.3.1.4, 4.4.3.1.4, 4.5.3.2.4, and 4.6.3.2.4), there would be no discernible impacts to groundwater or surface water quality at Hanford from operation of Hanford facilities that would support the nuclear infrastructure missions described in Section 1.2 of Volume 1.
- 2247-4:** The commentor's opposition to the restart of FFTF is noted. This PEIS has provided an estimate of the incremental potential human health impacts associated with a reasonable range of alternatives (including the restart of FFTF) for the production of isotopes for medical uses, research and development, and as heat sources for radioisotope power systems. The methodology used is intended to provide realistic results based upon our current knowledge of the health impact of low doses of radiation.

Commentor No. 2247: Walter Smick (Cont'd)

Response to Commentor No. 2247

Section 4.3 of Volume 1 provides the results of the evaluation of potential health impacts that would be expected to result from implementation of Alternative 1 (which includes restart of FFTF), including normal operations and a spectrum of accidents that included severe accidents. The environmental analysis showed that radiological and nonradiological risks associated with restarting FFTF would be small.

Commentor No. 2248: Laila Atallah

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2248-1 || 2248-2

It is highly distressing to me that we
 are considering restarting the FFTF Reactor.
 The current tanks are leaking toxins
 and our resources would best be used in
 fixing the current hazardous conditions,
 rather than exacerbating them.

2248-3

2248-1

Sincerely,

Thank you for your consideration.
Laila Atallah

Name Laila Atallah Address 3130 Woodland PK AVEN,
 City Seattle State WA ZIP 98103 upper

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2248

2248-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.

As discussed in Section 4.3 of Volume 1, implementation of Alternative 1, Restart FFTF, none of the proposed alternatives would add waste to the high-level waste tanks at Hanford. As stated in Section N.3.2 of Appendix N, implementation of the nuclear infrastructure alternatives would not divert or reprogram budgeted funds designated for Hanford cleanup, regardless of the alternative(s) selected.

2248-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF, and opposition to Alternative 1, Restart FFTF.

2248-3: See response to comment 2248-2.

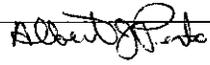
Commentor No. 2249: Albert J. Penta

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

The Time is long past to honor the
Hanford Clean-up Agreement & Stop the
folly of further plutonium production. Please
do not Re-start the dangerous FFTF Nuclear reactor.
Thank you.

Sincerely,



Name Albert J. Penta Address PO Box 1057
City MONROE State WA ZIP 98272

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2249-1 || 2249-2

|| 2249-1

|| 2249-3

Response to Commentor No. 2249

2249-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford and opposition to the production of plutonium-238. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.

As discussed in Section 1.2.2 of Volume 1, plutonium-238 would be produced in support of NASA's deep space missions.

2249-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF, and opposition to Alternative 1, Restart FFTF.

2249-3: See response to comment 2249-2.

Commentor No. 2250: Gordon Ruffiles

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

At 86, I cannot attend the hearing, but I have read the arguments on both sides and believe that the weight of the evidence is that the FFTF should be shut down.

Sincerely,

Gordon Ruffiles
 Name Gordon Ruffiles Address 11318 Riverview Pl NE
 City Seattle State WA ZIP 98125-5960

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2250-1 || 2250-2

2250-2

Response to Commentor No. 2250

- 2250-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2250-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2251: Dolores Koger

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*Why do we need more
plutonium production? Stocking
up the reactor will just
add more waste to an already
overpolluted site contaminating
the Columbia River*

Sincerely,

Dolores Koger

Name *Dolores Koger* Address *3838 138th Ave NE*

City *Bellevue* State *WA* ZIP *98005*

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2251-1 || 2251-2

|| 2251-3

|| 2251-4

Response to Commentor No. 2251

- 2251-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2251-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2251-3:** The purpose of the NI PEIS is to evaluate the environmental impacts of a range of reasonable alternatives to fulfill the proposed actions, one of which is the domestic production of plutonium-238. Plutonium-238, used to support NASA space missions, is not weapons-grade plutonium (i.e., plutonium-239). Whereas the United States is currently planning for the disposition of tons of surplus plutonium-239 that is not needed to support the U.S. nuclear weapons stockpile, there are approximately 9 kilograms (19.8 pounds) of plutonium-238 in the U.S. inventory available to support future NASA space missions. Through a Memorandum of Understanding with NASA, DOE provides radioisotope power systems and the plutonium-238 that fuels them for space missions that require or would be enhanced by their use. In addition, under the National Space Policy issued by the Office of Science and Technology Policy in September 1996, and consistent with DOE's charter under the Atomic Energy Act, DOE is responsible for maintaining the capability to provide the plutonium-238 needed to support these missions. Based on NASA guidance to DOE on the potential use of radioisotope power systems for upcoming space missions, DOE anticipates that the existing plutonium 238 inventory will be exhausted by approximately 2005. Section 1.2.2 of Volume 1 was revised to further clarify the purpose and need for reestablishing a domestic plutonium-238 production capability to support NASA space exploration missions.
- 2251-4:** As identified in Section 4.3.1.1.13 of the NI PEIS, the restart of FFTF would generate about 63 cubic meters of additional radioactive waste (e.g.,

Commentor No. 2251: Dolores Koger (Cont'd)

Response to Commentor No. 2251

solid low-level radioactive waste) annually, in addition to nonhazardous wastes. This would account for about 2,205 cubic meters of additional radioactive waste to be generated over the 35-year period of nuclear infrastructure operations and is small in comparison to the waste generated by current Hanford activities. It is DOE's policy that all wastes be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision.

Commentor No. 2252: Joyce A. Harman

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: !! || 2252-1 || 2252-2

Please
"Think of our children"

Sincerely, *Thank you - Joyce A. Harman*

Name _____ Address _____
City _____ State _____ ZIP _____

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2252

- 2252-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2252-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2253: F. K. Mead

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

|| 2253-1 || 2253-2

*This has gone on for
too long. Please put politics
aside and honor the clean-up
agreement which will help future
generations live free of the dangers
of this reactor.*

Sincerely,

Name F. K. Mead Address 1901 38th Ave E
City Seattle State WA ZIP 98112

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

2253-1

Response to Commentor No. 2253

2253-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.

As discussed in Section 4.3 of Volume 1, implementation of Alternative 1 (Restart of FFTF) would pose little risk to the health and safety of the public.

2253-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2254: Ruth Newland

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

The recent fire at the Hanford Nuclear Site only points up the fact of how dangerous Hanford really is with all its closet skeletons and decaying facilities. We simply do NOT want nuclear work in our area. So do NOT start FFTF

Sincerely, Ruth Newland, Ph.D. Nuclear Reactor again & get the site cleaned up

Name Ruth Newland Address 3004 Riverside Road
City Yalima State WA ZIP 98901-8540

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2254-1 || 2254-2

2254-1

2254-3

Response to Commentor No. 2254

2254-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.

With regard to the Hanford wildfire of 2000, the DOE Richland Operations Office, the State of Washington Department of Health, and U.S. Environmental Protection Agency performed environmental monitoring on and around the Site to assess potential radiological impacts. The wildfire did not cause a release of radioactive materials from any Hanford facilities but did result in resuspension of radioactive materials which were already in the environment. The low levels of radioactive materials that were resuspended were only slightly above natural background levels and required several days of analysis to quantify. Information on this event has been made available to the public and can be accessed at <http://www.Hanford.gov/envmon/index.html>. This site also provides a link to information on the independent offsite air monitoring that was conducted by the U.S. Environmental Protection Agency. As discussed in Appendix I, an assessment of the risk of a wildfire indicated that, in the worst case, it could lead to a loss of offsite power, which the FFTF, because of its passive cooling capability, could withstand without overheating the core or leading to the release of any radioactivity.

2254-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF, and opposition to Alternative 1, Restart FFTF.

2254-3: See response to comment 2254-2.

Commentor No. 2255: Peter Gay

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2255-1 || 2255-2

As a downstream Columbia River resident for almost 40 years, I am especially concerned about challenges associated with Hanford "clean-up." Re-starting the FFTF Nuclear Reactor at Hanford seems like a step in the wrong direction to me

2255-1

2255-3

Sincerely,

Peter Gay

Name _____ Address 910 E. 15th Place

City The Dalles State OR ZIP 97058

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2255

- 2255-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2255-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF, and opposition to Alternative 1, Restart FFTF.
- 2255-3: See response to comment 2255-2.

Commentor No. 2256: Ann Kremer

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

Do not further threaten the life
of the Columbia River.

Do not endanger the lives of our
children by producing more nuclear waste

Ann Kremer
Sincerely,

Name Ann Kremer Address 10041 42 SW
City Seattle State WA ZIP 98146

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2256

|| 2256-1 || 2256-2

|| 2256-3

|| 2256-4

2256-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.

2256-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

2256-3: FFTF is approximately 4.5 miles from the Columbia River. There are no discharges to the river from FFTF and no radioactive or hazardous discharges to groundwater. As indicated in analyses presented in Chapter 4 of Volume 1 (e.g., Sections 4.3.1.1.4, 4.3.3.1.4, 4.4.3.1.4, 4.5.3.2.4, and 4.6.3.2.4), there would be no discernible impacts to groundwater or surface water quality at Hanford from operation of Hanford facilities that would support the nuclear infrastructure missions described in Section 1.2 of Volume 1.

2256-4: DOE notes the commentor's concern regarding waste generation. The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision. The waste generated from any of the proposed alternatives in the NI PEIS will be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

Commentor No. 2257: Anne E. Zald

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

|| 2257-1 || 2257-2

Progress on the clean-up is held in check while storage tanks continue to degrade and leak, pollute our groundwater and countryside. Why is the clean-up held hostage to the FFTF and increasing amounts of waste?

Sincerely,

Name ANNE E. ZALD Address 9522 18th AVE NE B1
 City SEATTLE State WA ZIP 98115

2257-1

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2257

2257-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities. Further, none of the mission activities discussed in the NI PEIS would add waste to the high-level waste tanks at Hanford.

The U.S. Congress funds the Hanford cleanup through the Office of the Assistant Secretary for Environmental Management (EM), and the FFTF through the Office of Nuclear Energy, Science and Technology (NE). The nuclear infrastructure missions described in Section 1.2 of Volume 1 would also be funded by NE, which has no funding connection to Hanford cleanup activities. As stated in Section N.3.2 of Appendix N, implementation of the nuclear infrastructure alternatives would not divert or reprogram budgeted funds designated for Hanford cleanup, regardless of the alternative(s) selected.

2257-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2258: Jim Trombald

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*we have a long, complicated
cleanup mission at Hanford, crucial
for disaster prevention!
Any production such as FFTF
distracts from cleanup mission
plus adds waste stream!*

Sincerely,

Name *Jim Trombald, M.D.* Address *4851 88th Place SE*
City *Mercer Island* State *Wash.* ZIP *98040*

*I will make similar comments in
person 8/30/08. JT.*

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2258-1 || 2258-2

2258-1

Response to Commentor No. 2258

2258-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.

As discussed in Section 4.3 of Volume 1, waste that would be generated under the alternatives described in Section 2.5 would not significantly impact the waste management infrastructure at Hanford.

2258-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2259: Donn Colby

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2259-1 || 2259-2

Hanford is the most contaminated nuclear site in the western world. The main goal for the site is to clean it up. Producing more radioactive waste at Hanford is contrary to that goal. After 8 years on stand-by, it is time to close FFTF and focus on clean-up.

Sincerely,

Don Colby
 Name Don Colby, MD Address 318 17th Ave E
 City Seattle State WA ZIP 98112

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

2259-1

Response to Commentor No. 2259

2259-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.

As discussed in Section 4.3 of Volume 1, waste that would be generated under the alternatives described in Section 2.5 would not significantly impact the waste management infrastructure at Hanford.

The commentor's support for Alternative 5 (Deactivate FFTF with no new missions) is noted.

2259-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

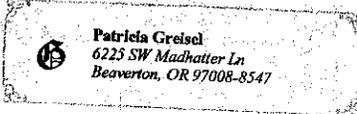
Commentor No. 2260: Patricia Greisel

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

|| 2260-1 || 2260-2

Sincerely, *Patricia Greisel*



ZIP _____

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2260

- 2260-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2260-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

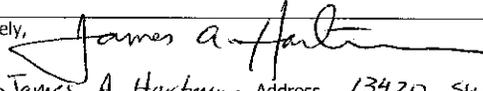
Commentor No. 2261: James A. Hartmann

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*This is an issue that we must
consider with a long-term perspective.
Nuclear waste is essentially forever.
Let's consider sustainable, clean
alternatives such as solar power!*

Sincerely,



Name James A. Hartmann Address 13420 SW Scotts Bridge Dr.

City Tigard State OR ZIP 97223

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2261-1 || 2261-2

|| 2261-3

Response to Commentor No. 2261

- 2261-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2261-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2261-3:** DOE notes the commentor's interest in alternative energy sources, although issues of research and development of alternative energy sources are beyond the scope of this Nuclear Infrastructure PEIS. The DOE missions to be addressed in this EIS, which include the production of medical and industrial isotopes, the production of plutonium-238, and civilian nuclear energy research and development, can currently only be met using nuclear reactor or accelerator technologies.

Commentor No. 2262: Emmalee Weibel

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

The American public has made abundantly clear that they do not want additional nuclear industry in the U.S. The only time people go along is when they aren't aware what's being done. Do the responsible thing.

Name *Emmalee Weibel* Address *5020 SW Carmen Dr.*
City *Lake Oswego* State *OR* ZIP *97035-3346*

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2262-1 || 2262-2

2262-3

Response to Commentor No. 2262

- 2262-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing activities to remediate existing contamination at Hanford are a high priority to DOE. The Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE remains committed to upholding this agreement. The missions described in Section 1.2 of Volume 1 would not impact ongoing Hanford cleanup activities.
- 2262-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2262-3:** DOE policy encourages effective public participation in its decision making process. In compliance with NEPA and CEQ regulations, DOE provided opportunity to the public to comment on the scope of the NI PEIS and the environmental impact analysis of DOE's proposed alternatives. DOE gave equal consideration to all comments. In preparing the Final NI PEIS, DOE carefully considered comments received from the public.

Commentor No. 2263: Elizabeth B. Bushnell

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

IF THIS DOES NOT HAPPEN - NOT ONLY
WILL THE COLUMBIA RIVER BE THREATENED
BUT LIVES IN THE NORTHWEST WILL BE
AT RISK. DO UNTO OTHERS AS YOU
WOULD HAVE THEM DO TO YOU!

Sincerely,

Elizabeth B. Bushnell

Name ELIZABETH B. BUSHNELL Address 1665 SW FILMOR,
City PORTLAND State OR ZIP 97225-42

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. ~~Also, please respond to my comments and concerns.~~

|| 2263-1 || 2263-2

2263-1

Response to Commentor No. 2263

2263-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

FFTF is approximately 4.5 miles from the Columbia River. There are no discharges to the river from FFTF and no radioactive or hazardous discharges to groundwater. As indicated in analyses presented in Chapter 4 of Volume 1 (e.g., Sections 4.3.1.1.4, 4.3.3.1.4, 4.4.3.1.4, 4.5.3.2.4, and 4.6.3.2.4), there would be no discernible impacts to groundwater or surface water quality at Hanford from operation of Hanford facilities that would support the nuclear infrastructure missions described in Section 1.2 of Volume 1.

2263-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2264: Phyllis Clausen

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

I strongly oppose restart of the FFTF nuclear reactor. Do not add any more nuclear waste. Instead pledge the DOE to cleaning up the leaking tanks already on the site. We deserve cleanup, not the further burden of waste you are proposing.

Sincerely,

Name Phyllis Clausen Address 37 Stoller Rd
City Trent Lake State WA ZIP 98650

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2264-1 || 2264-2

|| 2264-3

|| 2264-4

|| 2264-1

Response to Commentor No. 2264

- 2264-1:** DOE notes the commentor's opposition to Alternative 1, Restart FFTF, and concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy) This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. As stated in Section N.3.2, implementation of the nuclear infrastructure alternatives would not divert or reprogram budgeted funds designated for Hanford cleanup, regardless of the alternative(s) selected.
- 2264-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF, and opposition to Alternative 1, Restart FFTF.
- 2264-3:** See response to comment 2264-2.
- 2264-4:** DOE notes the commentor's concern regarding waste generation. The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision. The waste generated from any of the proposed alternatives in the NI PEIS will be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

Commentor No. 2265: Walter and Jean Walkinshaw

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

+ permit no further storage of nuclear
waste at Hanford

Sincerely,

Name Walter + Jean Walkinshaw Address 1303 E. Lynn
City Spokane State WA ZIP 99002

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2265-1 || 2265-2

|| 2265-3

Response to Commentor No. 2265

- 2265-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2265-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2265-3:** DOE notes the commentor's concern regarding waste generation and storage. The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed actions for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision. The waste generated from any of the proposed alternatives in the NI PEIS will be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

Commentor No. 2266: Jennifer Martin

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

The Hanford Plant is dangerous enough as it is. It needs to be made safer and not less so. I think this summer's fire helped prove that one. Please don't restart the FFTF reactor. It's not worth the risks and the wastes.

Sincerely,

Name Jennifer Martin Address 707 Valencia
City Walla Walla State WA ZIP 99362

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2266-1 || 2266-2

|| 2266-1

|| 2266-3

Response to Commentor No. 2266

2266-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

A Tri-Party Agreement change was made to place the milestones for FFTF's permanent deactivation in abeyance until the DOE reaches a decision on whether the facility will be used to meet mission needs. Prior public meetings were held on this formal milestone change. As stated in Section N.3.2, implementation of the nuclear infrastructure alternatives would not divert or reprogram budgeted funds designated for Hanford cleanup, regardless of the alternative(s) selected.

With regard to the Hanford wildfire of 2000, the DOE Richland Operations Office, the State of Washington Department of Health, and U.S. Environmental Protection Agency performed environmental monitoring on and around the Site to assess potential radiological impacts. The wildfire did not cause a release of radioactive materials from any Hanford facilities but did result in resuspension of radioactive materials which were already in the environment. The very low levels of radioactive materials that were resuspended were slightly above natural background levels and required several days of analysis to quantify. Information on this event has been made available to the public and can be accessed at <http://www.Hanford.gov/envmon/index.html>. This site also provides a link to information on the independent offsite air monitoring that was conducted by the U.S. Environmental Protection Agency.

2266-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF, and opposition to Alternative 1, Restart FFTF.

2266-3: See response to comment 2266-2.

Commentor No. 2267: Eric Andersen

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

The FFTF Nuclear Reactor should not be
 started on the issue of public safety.
 Respect the wishes of the public and clean
 up the Hanford area.

|| 2267-1 || 2267-2

|| 2267-3

|| 2267-1

Sincerely, Eric Andersen

Name ERIC ANDERSEN Address 73 STATE ST
 City Hood River State OR ZIP 97031

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2267

- 2267-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2267-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2267-3:** The commentor's opposition to the restart of FFTF is noted. FFTF can be safely operated to support the nuclear infrastructure missions described in Section 1.2 of Volume 1. This PEIS has provided an estimate of the incremental potential human health impacts associated with a reasonable range of alternatives (including the restart of FFTF) for the production of isotopes for medical uses, research and development, and as heat sources for radioisotope power systems. The methodology used is intended to provide realistic results based upon our current knowledge of the health impact of low doses of radiation. Section 4.3 of Volume 1 provides the results of the evaluation of potential health impacts that would be expected to result from implementation of Alternative 1 which includes restart of FFTF, including normal operations and a spectrum of accidents that included severe accidents. The environmental analysis showed that radiological and nonradiological risks associated with restarting FFTF would be small.

Commentor No. 2268: Roy Metcalf

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2268-1 || 2268-2

*no more nuc waste in the
Columbia River,*

|| 2268-3

Sincerely,

Name *Roy Metcalf* Address *2455 Bellevue Ter.*
City *W. Lion* State *OR* ZIP *97068*

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2268

- 2268-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2268-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2268-3:** DOE notes the commentor's position regarding impacts to the Columbia River from FFTF restart. FFTF is approximately 4.5 miles from the Columbia River. There are no discharges to the river from FFTF and no radioactive or hazardous discharges to groundwater. Section 3.4.4 of Volume 1 of the NI PEIS describes the current condition of water resources potentially affected by the Hanford Site, with specific discussions of surface water and groundwater resources in the Hanford 400 Area, where FFTF is located, provided in Sections 3.4.4.1.2 and 3.4.4.2.2, respectively. This information indicates that the only impact that 400 Area operations have had on water resources to date is contamination of the unconfined aquifer system with nitrate from sanitary sewage disposal. The source of this contamination has since been removed resulting in nitrate levels diminishing over time. The effects of maintaining FFTF in its current standby mode for 35 years are described in Section 4.2.1.2.4 of Volume 1, and this analysis indicates that the impact on water resources would be negligible. As indicated in analyses presented in Chapter 4 of Volume 1 (e.g., Sections 4.3.1.1.4, 4.3.3.1.4, 4.4.3.1.4, 4.5.3.2.4, and 4.6.3.2.4), there would be no discernible impacts to groundwater or surface water quality at Hanford from operation of Hanford facilities that would support the nuclear infrastructure missions described in Section 1.2 of Volume 1.

Commentor No. 2269: Deanna Lynch

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

I have sent in so many of these already - what will it take to make you listen?

Sincerely, *Deanna Lynch*
 Name Deanna Lynch Address 22511 NE 99th St
 City Newcomer State Wash WA ZIP 981682

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2269-1 || 2269-2

2269-3

Response to Commentor No. 2269

- 2269-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2269-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2269-3:** DOE policy encourages effective public participation in its decision making process. In compliance with NEPA and CEQ regulations, DOE provided opportunity to the public to comment on the scope of the NI PEIS and the environmental impact analysis of DOE's proposed alternatives. DOE gave equal consideration to all comments. In preparing the Final NI PEIS, DOE carefully considered comments received from the public.

Commentor No. 2270: Beverly J. Witte

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*The Columbia river is already
threatened by leaking tanks of nuclear
waste so we don't want any more
high level nuclear waste to be added.
We need to protect the future of our
health, the health of our children and our
environment.*

Sincerely,
Mrs. Beverly J. Witte

Name BEVERLY J. WITTE Address 4534 Warren Ave. N.
City Seattle State Wa. ZIP 98109

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

2270-1 2270-2

2270-3

2270-4

Response to Commentor No. 2270

- 2270-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2270-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2270-3:** High-level radioactive waste would not be generated by the activities proposed for any of the alternatives or alternative options. The additional radioactive waste that would be generated from the restart of FFTF (i.e., low-level radioactive waste) would not be stored in the high-level radioactive waste tanks located at Hanford. The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision. The waste generated from any of the proposed alternatives in the NI PEIS will be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.
- 2270-4:** The commentor's opposition to the restart of FFTF is noted. This PEIS has provided an estimate of the incremental potential human health impacts associated with a reasonable range of alternatives (including the restart of FFTF) for the production of isotopes for medical uses, research and development, and as heat sources for radioisotope power systems. The methodology used is intended to provide realistic results based upon our current knowledge of the health impact of low doses of radiation. Section 4.3 of Volume 1 provides the results of the evaluation of potential health impacts that would be expected to result from implementation of Alternative 1 (which includes restart of FFTF), including normal

Commentor No. 2270: Beverly J. Witte (Cont'd)

Response to Commentor No. 2270

operations and a spectrum of accidents that included severe accidents. The environmental analysis showed that radiological and nonradiological risks associated with restarting FFTF would be small. As stated in Appendix H of the EIS, other human health impacts (non-fatal cancers and genetic mutations) occur with a lower frequency for the same level of exposure. Since latent cancer fatalities would not be expected among the public, it follows that the expected result for other radiological health impacts would also be small.

The NI PEIS identifies (in Chapter 3 of Volume 1) endangered species that live on or near all of the candidate sites, as well as aquatic and wetlands areas that may be impacted by operations at candidate locations. According to an International Atomic Energy Agency (IAEA) publication (IAEA Technical Report Series No. 332, Effects of Ionizing Radiation on Plants and Animals at Levels Implied by Current Radiation Protection Standards), a dose rate of 100 millirem per year to the most exposed human will lead to dose rates to plants and animals of less than 0.1 rad per day. The IAEA concluded that a dose rate of 0.1 rad per day or less for animals and 1 rad per day or less for plants would not affect these populations. The largest individual dose for any of the nuclear infrastructures alternatives under normal operations would be less than 0.1 millirem, which is three orders of magnitude less than the IAEA threshold for adverse effects. Therefore, implementation of any of the range of reasonable nuclear infrastructure alternatives analyzed would not be expected to result in adverse impacts on plants and animals living in potentially affected areas around the candidate sites.

Commentor No. 2271: Kathleen A. Lawrence

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

More waste will then be added to tanks if the FFTF Nuclear Reactor is restarted. More danger of accidents and further contamination of the Columbia.

Sincerely,

Name Kathleen A. Lawrence Address _____
 City anacortes State WA ZIP 98665

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2271-1 || 2271-2
 || 2271-3
 || 2271-4

Response to Commentor No. 2271

- 2271-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2271-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2271-3:** As identified in Section 4.3.1.1.13 of the NI PEIS, the restart of FFTF would generate about 63 cubic meters of additional radioactive waste (e.g., solid low-level radioactive waste) annually, in addition to nonhazardous wastes. This would account for about 2,205 cubic meters of additional radioactive waste to be generated over the 35-year period of nuclear infrastructure operations and is small in comparison to the waste generated by current Hanford activities. It is DOE's policy that all wastes be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

As discussed in Section 4.3 of Volume 1, no high-level radioactive waste would be added to the high-level waste tanks at Hanford.
- 2271-4:** FFTF can be safely operated to support the nuclear infrastructure missions described in Section 1.2 of Volume 1. Section 4.3 of Volume 1 provides the results of the evaluation of potential health impacts that would be expected to result from implementation of Alternative 1, including normal operations and a spectrum of accidents that included severe accidents. The environmental analysis showed that radiological and nonradiological risks associated with restarting FFTF would be small.

Commentor No. 2272: Patricia Sims

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*There is enough leakage already.
The danger of restarting the
nuclear reactor is too high.*

*Listen to those of us who live
here & will be affected by your
decision.*

sincerely,
Patricia Sims
Name Patricia Sims Address 13617 SE Grant Ct
City Portland State OR ZIP 97233

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2272-1 || 2272-2

|| 2272-1

|| 2272-3

|| 2272-4

Response to Commentor No. 2272

- 2272-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2272-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2272-3:** The commentor's opposition to the restart of FFTF is noted. FFTF can be safely operated to support the nuclear infrastructure missions described in Section 1.2 of Volume 1. This PEIS has provided an estimate of the incremental potential human health impacts associated with a reasonable range of alternatives (including the restart of FFTF) for the production of isotopes for medical uses, research and development, and as heat sources for radioisotope power systems. The methodology used is intended to provide realistic results based upon our current knowledge of the health impact of low doses of radiation. Section 4.3 of Volume 1 provides the results of the evaluation of potential health impacts that would be expected to result from implementation of Alternative 1 which includes restart of FFTF, including normal operations and a spectrum of accidents that included severe accidents. The environmental analysis showed that radiological and nonradiological risks associated with restarting FFTF would be small.
- 2272-4:** Comment noted. DOE is committed to providing the public with comprehensive environmental reviews of its proposed actions in accordance with NEPA, and to providing ample opportunity for public comment on those actions. In preparing the Final NI PEIS, DOE carefully considered comments received from the public.

Commentor No. 2273: Patricia Sims

Dear Secretary Nichols,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

The Columbia River is an integral part of the State/locality/economy in which I live. I do not want to be poisoned w/ the nuclear waste which is already coming closer and would be severely increased by the State op of the Nuclear Reactor!!

Name *Patricia Sims* Address *13617 AB Grant Ct*
City *Hanford* State *CA* ZIP *92333*

Please listen to us!!!

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2273-1 || 2273-2

2273-3

2173-4

Response to Commentor No. 2273

2273-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

2273-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

2273-3: As identified in Section 4.3.1.1.13 of the NI PEIS, the restart of FFTF would generate about 63 cubic meters of additional radioactive waste (e.g., solid low-level radioactive waste) annually, in addition to nonhazardous wastes. This would account for about 2,205 cubic meters of additional radioactive waste to be generated over the 35-year period of nuclear infrastructure operations and is small in comparison to the waste generated by current Hanford activities. It is DOE's policy that all wastes be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision.

FFTF is approximately 4.5 miles from the Columbia River. There are no discharges to the river from FFTF and no radioactive or hazardous discharges to groundwater. As indicated in analyses presented in Chapter 4 of Volume 1 (e.g., Sections 4.3.1.1.4, 4.3.3.1.4, 4.4.3.1.4, 4.5.3.2.4, and 4.6.3.2.4), there would be no discernible impacts to groundwater or surface water quality at Hanford from operation of Hanford facilities that would support the nuclear infrastructure missions described in Section 1.2 of Volume 1.

2273-4: Comment noted. DOE is committed to providing the public with comprehensive environmental reviews of its proposed actions in

Response to Commentor No. 2273

accordance with NEPA, and to providing ample opportunity for public comment on those actions. In preparing the Final NI PEIS, DOE carefully considered comments received from the public.

Commentor No. 2273: Patricia Sims (Cont'd)

Commentor No. 2274: M. Carnegie

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*The nuclear reactor waste at Hanford
needs to be cleaned up safely and now.
I strongly disapprove of any production
that will create more nuclear waste.*

|| 2274-1 || 2274-2

|| 2274-1

|| 2274-3

Sincerely,

Name M. Carnegie Address 11259-126th Ave. N.E.
City Kirkland State WA ZIP 98033

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2274

- 2274-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2274-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2274-3:** DOE notes the commentor's concern regarding waste generation. The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision. The waste generated from any of the proposed alternatives in the NI PEIS will be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

Commentor No. 2275: Rosalyn Breen

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

I am particularly concerned about the storage and clean-up of toxic wastes. Please don't let more improperly stored toxic wastes into the Pacific N.W. and work for clean-up of what is already there.

Rosalyn Breen

Sincerely,

Name Rosalyn Breen Address 622 NW 76 St.
 City Seattle State WA. ZIP 98117

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2275-1 || 2275-2

2275-1

Response to Commentor No. 2275

- 2275-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2275-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2276: Carolyn SRB Scott

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2276-1 || 2276-2

*We cannot continue to proliferate
nuclear waste until we know how
to dispose of it safely!*

2276-3

Sincerely,

Name Carolyn SRB Scott Address 3915-48th P.O. N.E.
City Seattle State WA ZIP 98105

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2276

- 2276-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2276-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2276-3:** DOE notes the commentor's concern regarding waste generation. The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision. The waste generated from any of the proposed alternatives in the NI PEIS will be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

Commentor No. 2277: Doris Dreyfuss

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

The Department of Energy should be giving priority to clean-up. We cannot afford to add to the pollution burden when we seem to lack the technical + financial ability to deal with the hazards already in place.

Continue to import medical isotopes from Canada + purchase plutonium-238 from foreign sources.

Sincerely, *Doris Dreyfuss*

Name *Doris Dreyfuss* Address *2104 NW 127th St.*
City *Vancouver* State *WA* ZIP *98685*

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2277-1 || 2277-2

2277-1

2277-3

Response to Commentor No. 2277

- 2277-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement. As stated in Section N.3.2, implementation of the nuclear infrastructure alternatives would not divert or reprogram budgeted funds designated for Hanford cleanup, regardless of the alternative(s) selected.
- 2277-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF, as well as support for the continued importation of medical isotopes from Canada and purchase of plutonium-238 from Russia.
- 2277-3:** See response to comment 2277-2.

Commentor No. 2278: Irene R. Japha

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*We have seen recent serious problems with
the Hanford storage tanks and probable leakage
into the surrounding areas. Unless you can
reassure the citizens of Washington that Hanford poses
no threat to the populace, our waterways, and lands
I urge you to shut down the reactor & clean up Hanford*
Sincerely,

Name Irene R. Japha, MD Address 3405 26th W
City Seattle State WA ZIP 98199

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2278-1 || 2278-2

2278-1

Response to Commentor No. 2278

2278-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

The environmental impacts associated with operation of the FFTF and support facilities at Hanford during normal operations and from postulated accidents are presented and discussed in Section 4.3 of this NI PEIS. All impacts to human health and to ecological resources would be small in the immediate area of the Hanford Site and negligible at all distant locations.

2278-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2279: Caroline Coreta

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2279-1 || 2279-2

Please use your high & responsible
 office to start putting the atomic
 nuclear genie back in its box -
 This can happen by not restarting
 the FFTF Nuclear Reactor. NOW!!

2279-3

Sincerely,

Name Caroline Coreta Address 9606-48th St
 City Seattle State WA ZIP 98136

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2279

- 2279-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2279-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF, and opposition to Alternative 1, Restart FFTF.
- 2279-3:** See response to comment 2279-2.

Commentor No. 2280: Irene Myers

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

|| 2280-1 || 2280-2

[Handwritten signature]

Sincerely,

Name Irene Myers Address P.O. Box 9763
City Seattle State WA ZIP 98107

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2280

- 2280-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2280-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2281: Bonnie Orme

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2281-1 || 2281-2

Sincerely,

Bonnie Orme
 Name 1949 Perkins Lane W. Address _____
Seattle, WA 98119
 City _____ State _____ ZIP _____

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2281

- 2281-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2281-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2282: Elizabeth Roberts

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

I have attended at least 3 hearings on this matter already. You are obligated to spend the DoE Hanford budget on cleaning up that mess. DO NOT study this issue any more. Take FFTF off standby NOW and meet your obligation to clean up Hanford!

Sincerely,

Elizabeth Roberts

Name Elizabeth Roberts

Address 2132 NE Sunset Ln.

City Bremerton

State WA ZIP 98310-4646

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2282-1 || 2282-2

2282-1

Response to Commentor No. 2282

2282-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

The U.S. Congress funds the Hanford cleanup through the Office of the Assistant Secretary for Environmental Management (EM), and the FFTF through the Office of Nuclear Energy, Science and Technology (NE). The nuclear infrastructure missions described in Section 1.2 of Volume 1 would also be funded by NE, which has no funding connection to Hanford cleanup activities. As stated in Section N.3.2, implementation of the nuclear infrastructure alternatives would not divert or reprogram budgeted funds designated for Hanford cleanup, regardless of the alternative(s) selected.

2282-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2283: Brian Watson

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*How many times do I have to say this?
FFTF needs to be shut down and all
DoE resources need to go toward
remediation + clean-up efforts! Using FFTF
to produce more Pu contradicts the
obligations under the Clean Up Agreement!*

Sincerely,

Brian E. Watson
Name Brian E. Watson Address 2132 NE Sunset Ln.
City Bremerton State WA ZIP 98310

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2283-1 || 2283-2

2283-1

Response to Commentor No. 2283

2283-1: DOE notes the commentor's opposition to Alternative 1, Restart FFTF, and concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy) This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

DOE-RL, EPA, and Ecology agreed to a change in this agreement to place the milestones for FFTF's permanent deactivation in abeyance until the DOE reaches a decision on FFTF's future. Public meetings were held on this formal milestone change. The NI PEIS missions would not have an impact on Hanford cleanup activities.

2283-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2284: Rhoda Stockwell

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

We citizens do not want further contamination of our land and rivers. An agreement has already been made by the Federal and State Governments - Please honor this agreement.

Sincerely, *Rhoda Stockwell*
Name RHODA STOCKWELL Address 816 So. 216th St. Tr.#100
City Des Moines State WA ZIP 98198

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2284-1 || 2284-2

2284-1

Response to Commentor No. 2284

2284-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

The environmental impacts associated with operation of the FFTF and support facilities at Hanford during normal operations and from postulated accidents are presented and discussed in Section 4.3 of this NI PEIS. All impacts to human health and to ecological resources would be small in the immediate area of the Hanford Site and negligible at all distant locations.

2284-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2285: Dorli T. Rainey

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

NOTHING SHOULD BE DONE AT
HANFORD - NO STARTING - NO
STORING, UNTIL THE COMPLETE
CLEAN UP OF HANFORD IS SATIS-
FACTORILY COMPLETED.

Dorli T. Rainey
 sincerely,

Name DORLI T. RAINEY Address 30443 3RD AVE S.
 City FEDERAL WAY State WA ZIP 98003

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2285-1 || 2285-2

2285-3

2285-1

Response to Commentor No. 2285

2285-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

DOE has developed a draft "Waste Minimization and Management Plan for FFTF" to incorporate pollution prevention and waste minimization practices in its consideration of the future of FFTF. If a decision were made to restart FFTF, this plan would be used to ensure that optimum opportunities are provided for characterizing potential waste streams, identifying source reduction and recycling strategies, evaluating management, treatment, and disposition options, developing sustainable designs, and implementing effective management strategies for all waste streams related to the restart and operation of FFTF.

2285-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF, opposition to Alternative 1, Restart FFTF, and opposition to storing of additional nuclear materials at Hanford.

2285-3: See response to comment 2285-2.

Commentor No. 2286: Linda J. Clifton

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

We must clean up the current mess of waste there, and not add more to it with more nuclear production, waste and contamination.

Sincerely,

Name LINDA J. CLIFTON Address 4462 Whitman N.
City SEATTLE State WA ZIP 98103

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2286-1 || 2286-2

2286-1

Response to Commentor No. 2286

2286-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

DOE has developed a draft "Waste Minimization and Management Plan for FFTF" to incorporate pollution prevention and waste minimization practices in its consideration of the future of FFTF. If a decision were made to restart FFTF, this plan would be used to ensure that optimum opportunities are provided for characterizing potential waste streams, identifying source reduction and recycling strategies, evaluating management, treatment, and disposition options, developing sustainable designs, and implementing effective management strategies for all waste streams related to the restart and operation of FFTF.

2286-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2287: Arthur Rolfe

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

~~I am both frightened and astounded at your position concerning Hanford activities. Nuclear waste storage intent is being ignored. Past promises and legal requirements are being ignored. No permanent disposal solution for any nuclear waste generated to date is at hand. Our existing nuclear weapons are in fact unusable because we would end up in self destructive retaliation (to whom?). I resent being forced to live in a "sword of Damocles" environment created by my government based on statements of "fake culture" than credible, repeatable science.~~

Sincerely,

Arthur Rolfe

Name ARTHUR ROLFE Address 12420 SE 27th St
City Belleve State WA ZIP 98005

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2287-1 || 2287-2

2287-1

2287-3

2287-4

2287-5

Response to Commentor No. 2287

- 2287-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2287-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2287-3:** DOE notes the commentor's concern regarding waste generation. The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision. The waste generated from any of the proposed alternatives in the NI PEIS will be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.
- 2287-4:** DOE notes the commentor's view on nuclear weapons, although nuclear weapons issues are beyond the scope of this Nuclear Infrastructure PEIS. The DOE missions addressed in this EIS (Section 1.2 of Volume 1) include the production of medical and industrial isotopes, the production of plutonium-238, and civilian nuclear energy research and development. The three missions are civilian nuclear energy missions and are not defense-related. Neither nuclear weapons nor components for nuclear weapons would be produced under any of the nuclear infrastructure alternatives.
- 2287-5:** DOE notes the commentor's views.

Commentor No. 2288: Nell Wolever

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

How can government officials possibly consider adding more liquid high-level nuclear waste to leaking tanks by proposed "start-up" of nuclear reactors? How can you ignore the death sentence this would bring to the Columbia River and populace surrounding that river?

Name Nell Wolever Address Bx 394
City North Bend State Wa ZIP 98054

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2288-1 || 2288-2

2288-3

2288-4

Response to Commentor No. 2288

- 2288-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2288-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2288-3:** As identified in Section 4.3.1.1.13 of the NI PEIS, the restart of FFTF would generate about 63 cubic meters of additional radioactive waste (e.g., solid low-level radioactive waste) annually, in addition to nonhazardous wastes. This would account for about 2,205 cubic meters of additional radioactive waste to be generated over the 35-year period of nuclear infrastructure operations and is small in comparison to the waste generated by current Hanford activities. It is DOE's policy that all wastes be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.
- As discussed in Section 4.3 of Volume 1, no high-level radioactive waste would be added to the high-level waste tanks at Hanford.
- 2288-4:** FFTF is approximately 4.5 miles from the Columbia River. There are no discharges to the river from FFTF and no radioactive or hazardous discharges to groundwater. As indicated in analyses presented in Chapter 4 of Volume 1 (e.g., Sections 4.3.1.1.4, 4.3.3.1.4, 4.4.3.1.4, 4.5.3.2.4, and 4.6.3.2.4), there would be no discernible impacts to groundwater or surface water quality at Hanford from operation of Hanford facilities that would support the nuclear infrastructure missions described in Section 1.2 of Volume 1. In addition, Section 4.3 of Volume 1 provides the results of the evaluation of potential health impacts that would be expected to result from implementation of Alternative 1, including normal operations and a spectrum of accidents that included severe accidents. The environmental analysis showed that radiological and nonradiological risks associated with restarting FFTF would be small.

Commentor No. 2289: Jane Civiletti

Jean Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*We, the people of the Pacific NW, want
no more nuclear facilities located here.
Our only desire for DOE tax dollars is to
have former nuclear sites "cleaned up" knowing
that this will never be totally possible.
Please, contaminate us no longer.*

Sincerely,

Name Jane Civiletti Address 14614 SE Fair Oaks Ave
City Milwaukie State OR ZIP 97267

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2289-1 || 2289-2

2289-1

Response to Commentor No. 2289

- 2289-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2289-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2290: Barbara Simelin

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

This is a bad dream that
doesn't seem to go away -
I can't believe this radioactive
waste continues on to pollute people
all around - I am a cancer
victim - and don't wish it on anyone
Wake up!

Sincerely,

Barbara Simelin
Name Address

City Lacey Co. State WA ZIP 98261

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2290-1 || 2290-2

2290-1

Response to Commentor No. 2290

- 2290-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2290-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2291: Leo Stammer

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*We have so much garbage
in our water, air. I guess I
should say Palutants - please
don't add anymore. Clean it
up. Our electric bill already
went up so it would be done*

Sincerely,

Name Leo M. Stammer Address 13620 S.W. Beet Bend Rd'
City Thigard State Or ZIP 97224^{#27}

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2291-1 || 2291-2

2291-1

Response to Commentor No. 2291

2291-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

Implementation of the alternatives described in Section 2.5 of Volume 1 would have no impact on electric power rates.

2291-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2292: Margaret K. Letherman

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

More waste should not be added to the potentially
explosive and leaking tanks that already threaten
the Columbia River & people in E. Washington!
The danger of accidents will be increased!

Cleanup, yes! More radioactivity - NO!

Sincerely,

Name Margaret K. Letherman Address 1956 Golden Pine
City Goldendale State WA ZIP 98620

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2292-1 || 2292-2

2292-3

2292-4

|| 2292-1 || 2292-2

Response to Commentor No. 2292

- 2292-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2292-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF. With respect to the commentor's concern about radioactivity, the NI PEIS has provided an estimate of the potential human health impacts from normal operations, accident, and transportation related activities for each of the alternatives and options presented in Volume 1, Chapter 4. These impacts are summarized in Chapter 2, Tables 2-6 and 2-7.
- 2292-3:** As identified in Section 4.3.1.1.13 of the NI PEIS, the restart of FFTF would generate about 63 cubic meters of additional radioactive waste (e.g., solid low-level radioactive waste) annually, in addition to nonhazardous wastes. This would account for about 2,205 cubic meters of additional radioactive waste to be generated over the 35-year period of nuclear infrastructure operations and is small in comparison to the waste generated by current Hanford activities. It is DOE's policy that all wastes be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.
- As discussed in Section 4.3 of Volume 1, no high-level radioactive waste would be added to the high-level waste tanks at Hanford.
- 2292-4:** FFTF can be safely operated to support the nuclear infrastructure missions described in Section 1.2 of Volume 1. Section 4.3 of Volume 1 provides the results of the evaluation of potential health impacts that would be expected to result from implementation of Alternative 1, including normal operations and a spectrum of accidents that included severe accidents. The environmental analysis showed that radiological and nonradiological risks associated with restarting FFTF would be small.

Commentor No. 2293: Amy Ingram

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*I don't know how much simpler
it can be, I would like to see
all environment cleaned up &
heed of nuclear pollution along with
other man made pollution.*

Sincerely,

Amy Ingram
Name _____ Address _____
City *Seattle* State *WA* ZIP *98109*

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2293-1 || 2293-2

2293-1

Response to Commentor No. 2293

- 2293-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2293-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2294: Rachel Golden

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

Hanford has a bad track record.
Plutonium 238 is highly toxic.
Restarting the FFTF Nuclear Reactor to produce
P-238 would create a potentially exceptionally
dangerous situation as well as toxic waste,
which Hanford has already proven they are
Sincerely, unable to contain or dispose of properly.
Rachel Golden

Name Rachel Golden Address 12015 E. Para #903
City Spokane State WA ZIP 99212

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2294

|| 2294-1 || 2294-2

|| 2294-1

|| 2294-3

|| 2294-4

- 2294-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2294-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2294-3:** The commentor's opposition to the restart of FFTF is noted. This PEIS has provided an estimate of the incremental potential human health impacts associated with a reasonable range of alternatives (including the restart of FFTF) for the production of isotopes for medical uses, research and development, and as heat sources for radioisotope power systems. The methodology used is intended to provide realistic results based upon our current knowledge of the health impact of low doses of radiation. Section 4.3 of Volume 1 provides the results of the evaluation of potential health impacts that would be expected to result from implementation of Alternative 1 (which includes restart of FFTF), including normal operations and a spectrum of accidents that included severe accidents. Plutonium-238 is one of many substances that have been considered in the analysis of health and safety impacts for this PEIS. Plutonium-238 is the primary contributor to the health impacts associated with the processing of irradiated neptunium targets at any of the proposed processing facilities. The environmental analysis showed that radiological and nonradiological risks associated with restarting FFTF would be small.
- 2294-4:** As identified in Section 4.3.1.1.13 of the NI PEIS, the restart of FFTF would generate about 63 cubic meters of additional radioactive waste (i.e. solid low-level radioactive waste) annually, in addition to nonhazardous wastes. This would account for about 2,205 cubic meters of additional radioactive waste to be generated over the 35-year period of nuclear infrastructure operations and is small in comparison to the waste generated by current Hanford activities. It is DOE's policy that all

Commentor No. 2294: Rachel Golden (Cont'd)

Response to Commentor No. 2294

wastes be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision. As stated in Section N.3.2, implementation of the nuclear infrastructure alternatives would not divert or reprogram funds designated for Hanford cleanup, regardless of the alternative(s) selected.

Commentor No. 2295: Rolf Skar

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

*As a proud citizen of Oregon
I cannot accept the start-up or
continued "standby" of the FFTF reactor.
Stop putting our region, our economy
and our children at risk. Stop wasting
taxpayer money. SHUT DOWN FFTF for good.*

Sincerely,
Name ROLF SKAR Address 2227 SE MADISON
City PORTLAND State OR ZIP 97214

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2295-1 || 2295-2

2295-3

2295-4

2296-2

Response to Commentor No. 2295

2295-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

2295-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF, opposition to Alternative 1, Restart FFTF, and concern for taxpayer dollars. DOE prepared a separate Cost Report to provide additional pertinent information to the Secretary of Energy so that he may make an informed decision with respect to the alternatives presented in the NI PEIS. Pursuant to CEQ regulations (40 CFR 1505.1(e)), agencies are encouraged to make ancillary decision documents available to the public before a decision is made. DOE mailed this document to about 730 interested parties on August 24, 2000. The report was made available immediately upon release on the NE web site (<http://www.nuclear.gov>) and in the public reading rooms. DOE has also provided a summary of the Cost Report in Appendix P in the Final NI PEIS.

2295-3: See response to comment 2295-2.

2295-4: This NI PEIS has provided an estimate of the incremental potential human health impacts associated with a reasonable range of alternatives (including the restart of FFTF) for the production of isotopes for medical uses, research and development, and as heat sources for radioisotope power systems. The methodology used is intended to provide realistic results based upon our current knowledge of the health impact of low doses of radiation. Section 4.3 of Volume 1 provides the results of the evaluation of potential health impacts that would be expected to result from implementation of Alternative 1 (which includes restart of FFTF), including normal operations and a spectrum of accidents that included severe accidents. The environmental analysis showed that radiological and nonradiological risks associated with restarting FFTF would be small.

The NI PEIS identifies (in Chapter 3 of Volume 1) endangered species that live on or near all of the candidate sites, as well as aquatic and wetlands areas that may be impacted by operations at candidate locations.

Commentor No. 2295: Rolf Skar (Cont'd)

Response to Commentor No. 2295

According to an International Atomic Energy Agency (IAEA) publication (IAEA Technical Report Series No. 332, Effects of Ionizing Radiation on Plants and Animals at Levels Implied by Current Radiation Protection Standards), a dose rate of 100 millirem per year to the most exposed human will lead to dose rates to plants and animals of less than 0.1 rad per day. The IAEA concluded that a dose rate of 0.1 rad per day or less for animals and 1 rad per day or less for plants would not affect these populations. The largest individual dose for any of the nuclear infrastructures alternatives under normal operations would be less than 0.1 millirem, which is three orders of magnitude less than the IAEA threshold for adverse effects. Therefore, implementation of any of the range of reasonable nuclear infrastructure alternatives analyzed would not be expected to result in adverse impacts on plants and animals living in potentially affected areas around the candidate sites.

Commentor No. 2296: Margaret Koenig

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

Shut down Hanford's FFTF Nuclear reactor. I am gravely concerned re: the environmental + health problems that already exist at this site. To even consider the resumption of plutonium processing at Hanford is ludicrous in light of the fact sincerely that we already have leaking High-Level Nuclear waste Tanks

Name Margaret Koenig Address 1214 Lincoln St
City Forest River State OR ZIP 97031

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2296-1 || 2296-2

2296-1

Response to Commentor No. 2296

2296-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

The use of proposed alternative facilities associated with reprocessing of neptunium-237 targets would have no impact on schedules or available funding for high-level radioactive waste programs at either Hanford or the INEEL sites. The higher-activity waste would be treated as a solid form via a stand-alone vitrification system, separate from any tank waste treatment system. The existing Hanford high-level radioactive waste facilities would also not be used, and as analyzed in the PEIS, no existing or planned high-level radioactive waste facilities would be used to treat the waste resulting from processing the irradiated targets.

2296-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

Commentor No. 2297: Dorothy Arque

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2297-1 || 2297-2

The Columbia River is too important to risk radioactivity in its waters. Plutonium production is wrong, wrong, wrong! and highly dangerous

Sincerely,

Name Dorothy Arque Address 3015 Mossop DR
 City Bellingham State WA ZIP 98226
 (Retired)

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Please forward to NRC Weekly

2297-3

Response to Commentor No. 2297

- 2297-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2297-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2297-3:** The FFTF and fabrication/processing facilities at the Hanford Site can be safely operated to support the nuclear infrastructure missions described in Section 1.2 of Volume 1. Section 4.2-4.6 of Volume 1 provide the results of the evaluation of potential health impacts that would be expected to result from implementation of the alternatives involving Hanford facilities, including normal operations and a spectrum of accidents that included severe accidents. The environmental analysis showed that radiological and nonradiological risks associated with Hanford site would be small.
- FFTF is approximately 4.5 miles from the Columbia River. There are no discharges to the river from FFTF and no radioactive or hazardous discharges to groundwater. As indicated in analyses presented in Chapter 4 of Volume 1 (e.g., Sections 4.3.1.1.4, 4.3.3.1.4, 4.4.3.1.4, 4.5.3.2.4, and 4.6.3.2.4), there would be no discernible impacts to groundwater or surface water quality at Hanford from operation of Hanford facilities that would support the nuclear infrastructure missions described in Section 1.2 of Volume 1.

Commentor No. 2298: Michael Zemar

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor: || 2298-1 || 2298-2

I was born in the H.R. Valley & am 3rd generation here. I have a small business 'Zemar's Music' which thrives on the tourist which come to play in the beautiful C.Gary Restating wh FFTF threatens everyone - Columbia River cannot handle any more nuclear waste - Clean-up Hanford as promised - No Delay

|| 2298-3

|| 2298-1

Sincerely,

Name Michael Zemar Address 1819 W. CASCADE ST
City Hood River State OR ZIP 97031

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

Response to Commentor No. 2298

2298-1: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

2298-2: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

2298-3: As identified in Section 4.3.1.1.13 of the NI PEIS, the restart of FFTF would generate about 63 cubic meters of additional radioactive waste (i.e. solid low-level radioactive waste) annually, in addition to nonhazardous wastes. This would account for about 2,205 cubic meters of additional radioactive waste to be generated over the 35-year period of nuclear infrastructure operations and is small in comparison to the waste generated by current Hanford activities. It is DOE's policy that all wastes be managed (i.e., treated, stored and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

The NI PEIS addressed the environmental impacts due to the treatment, storage, and disposal of the waste generated by the proposed action for all alternatives and alternative options. Waste minimization programs at each of the proposed sites are also addressed. These programs will be implemented for the alternative selected in the Record of Decision. As stated in Section N.3.2, implementation of the nuclear infrastructure alternatives would not divert or reprogram funds designated for Hanford cleanup, regardless of the alternative(s) selected.

FFTF is approximately 4.5 miles from the Columbia River. There are no discharges to the river from FFTF and no radioactive or hazardous discharges to groundwater. As indicated in analyses presented in Chapter 4 of Volume 1 (e.g., Sections 4.3.1.1.4, 4.3.3.1.4, 4.4.3.1.4, 4.5.3.2.4, and 4.6.3.2.4), there would be no discernible impacts to groundwater or surface water quality at Hanford from operation of Hanford facilities that would support the nuclear infrastructure missions described in Section 1.2 of Volume 1.

Commentor No. 2299: K. M. Fitzpatrick

Dear Secretary Richardson,

Please honor the Clean-Up Agreement and Shut Down the FFTF Nuclear Reactor:

Taxpayers resent terms of agreement
being ignored. We don't have any
extra money with inflation being at
200% thanks to Democrats & Republicans
alike. Anyone perpetuating this misuse
of taxpayers money should be prosecuted
Sincerely, to the fullest extent of the law

Name K. M. Fitzpatrick Address 1608 Hoyt Ave
City Everett State WA ZIP 98201

Please include my comments in the official record for the Pu-238/FFTF Environmental Impact Statement. Also, please respond to my comments and concerns.

|| 2299-1 || 2299-2

2299-3

Response to Commentor No. 2299

- 2299-1:** DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.
- 2299-2:** DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.
- 2299-3:** DOE notes the commentor's viewpoint.

Commentor No. 2300: Pennie Stasik O'Grady

I say we consider
our children and our
children's children 7 generations
hence before we claim to
know what we "NEED" —
we don't NEED Pu 238 or any
other nuclear waste!

Pennie Stasik O'Grady
(Mother of 2)

2300-1

Response to Commentor No. 2300

2300-1: Through a Memorandum of Understanding with NASA, DOE provides radioisotope power systems and the plutonium-238 that fuels them for space missions that require or would be enhanced by their use. In addition, under the National Space Policy issued by the Office of Science and Technology Policy in September 1996, and consistent with DOE's charter under the Atomic Energy Act, DOE is responsible for maintaining the capability to provide the plutonium-238 needed to support these missions. Based on NASA guidance to DOE on the potential use of radioisotope power systems for upcoming space missions, DOE anticipates that the existing plutonium-238 inventory will be exhausted by approximately 2005. Section 1.2.2 of Volume 1 was revised to further clarify the purpose and need for reestablishing a domestic plutonium-238 production capability to support NASA space exploration missions.

DOE notes the commentor's concern regarding waste generation. It is DOE's policy that all wastes be managed (i.e., treated, stored, and disposed) in a safe and environmentally protective manner and in compliance with all applicable Federal and state laws and regulations and applicable DOE orders.

**Commentor No. 2301: Thalia Syracopoulos
National Organization for Women**

Thalia Syracopoulos
Seattle Chapter National Organization for Women
Testimony on Hanford FTF

30 August 2000

My name is Thalia Syracopoulos and I am speaking on behalf of the Seattle Chapter of the National Organization for Women.

Among us, we have found no information in the lay media verifying your claim that restarting the Hanford Fast Flux Test Facility is required in order to produce isotopes necessary for medical diagnosis, treatment or research.

My own profession requires that I read a wide variety of medical journals published in the United States and all over the world. At no time in the last 10 years have I encountered a single article in any medical journal mentioning the need for additional sources of isotopes required for medical diagnosis, treatment or research.

Prior to coming here I ran a search on the word "Hanford" in the medical literature. I reviewed the abstracts of the first 100 articles published between 1993 and 2000. There was no mention of any need for additional sources of isotopes.

There is no public health reason to restart the FTF at Hanford. There are numerous public health reasons NOT to restart the FTF. There is substantial medical and scientific evidence that the entire Hanford Reservation needs to be cleaned up, not perpetuated.

2301-1

2301-2

Response to Commentor No. 2301

2301-1: DOE has sought independent analysis of trends in the use of medical isotopes, and of its continuing role in this sector, consistent with its mandates under the Atomic Energy Act. In doing so, it established two expert bodies, the Expert Panel and the NERAC. In 1998, the Expert Panel, which convened to forecast future demand for medical isotopes, estimated that the expected growth rate of medical isotope use during the next 20 years would range from 7 to 14 percent per year for therapeutic applications, and 7 to 16 percent per year for diagnostic applications. These findings were later reviewed and endorsed by NERAC, established in 1999 to provide DOE with expert, objective advice regarding the future form of its isotope research and production activities. DOE has adopted these growth projections as a planning tool for evaluating the potential capability of the existing nuclear facility infrastructure to meet programmatic requirements. In the period since the initial estimates were made, the actual growth of medical isotope use has tracked at levels consistent with the Expert Panel findings. Section 1.2.1 of Volume 1 was revised to incorporate this information and to clarify DOE's role in fulfilling the U.S. research and commercial isotope production needs.

Currently, approximately 50 percent of DOE's isotope production capability is being used. Much of the remaining isotope production capability is dispersed throughout the DOE complex. This capability supports secondary missions, but cannot be effectively used due to the operating constraints associated with the facilities' primary missions (basic energy sciences or defense). DOE is currently meeting most of its short-term requirements. However, in the long-term (next 5 to 10 years) there will be a shortfall in available DOE capacity to meet demand. Should the isotope demand grow consistent with the Expert Panel Report, as it has recently, or if DOE's market share increases, there will be a need for expanded isotope production capacity in the short-term (less than 5 years).

2301-2: DOE notes the commentor's opposition to Alternative 1, Restart FTF, and concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy).

Commentor No. 2301: Thalia Syracopoulos (Cont'd)
National Organization for Women

Response to Commentor No. 2301

This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.

DOE was tasked by Congress in the Atomic Energy Act of 1954, as amended, to "... ensure the availability of isotopes for medical, industrial, and research applications, meeting the nuclear material needs of other federal agencies, and undertaking research and development of activities related to development of nuclear power for civilian use." The purpose of this PEIS is to determine the environmental and other impacts to accomplishing this mission from all reasonable existing and new DOE resources. The FFTF at the Hanford Site was one of several existing DOE resources that was assessed for this mission.

The U.S. Congress funds the Hanford cleanup through the Office of the Assistant Secretary for Environmental Management (EM), and the FFTF through the Office of Nuclear Energy, Science and Technology (NE). The nuclear infrastructure missions described in Section 1.2 of Volume 1 would also be funded by NE, which has no funding connection to Hanford cleanup activities. As stated in Section N.3.2, implementation of the nuclear infrastructure alternatives would not divert or reprogram budgeted funds designated for Hanford cleanup, regardless of the alternative(s) selected.

Commentor No. 2302: Magna

It is time for the DOE to shut down the dangerous FFTF reactor and put their focus back into clean-up of Hanford. This is on public safety of the citizens of Northwest. — Magna

Can't see will add it enters

2302-1

2302-1: DOE notes the commentor's support for Alternative 5, Permanently Deactivate FFTF.

2302-2

2302-2: DOE notes the commentor's concerns regarding the existing cleanup mission at Hanford. Although beyond the scope of this NI PEIS, ongoing Hanford cleanup activities are high priority to DOE. Hanford Site environmental restoration activities are conducted in accordance with the Tri-Party Agreement (i.e., Washington State Department of Ecology, U.S. Environmental Protection Agency, and the U.S. Department of Energy). This agreement specifies milestones and schedules for restoration of all parts of the Hanford Site. DOE is fully committed to honoring this agreement.