DOE F 1325.8
(8-89)
EFG (07-90)

United State Government **Department of Energy**

memorandum

DATE: February 18, 2004

REPLY ATTN OF: EM-24 (Steven Frank, 202-586-7478)

SUBJECT: Annual National Environmental Policy Act Planning Summary for the Office of Environmental Management

TO: Beverly A. Cook, Assistant Secretary for Environment, Safety and Health

In accordance with the Department of Energy (DOE) Order 451.1B, I am providing the Office of Environmental Management's (EM) Annual National Environmental Policy Act (NEPA) Planning Summary.

The EM Annual NEPA Planning Summary for 2004 includes EM headquarters work and submittals from the Carlsbad and Ohio Area Offices, for which EM is the lead Program Secretarial Office, and EM's Portsmouth and Paducah Project Office. Other Field Offices for which EM is the lead Program Secretarial Office have submitted their Annual NEPA Planning Summary directly to you in accord with Order 451.1B, but copies also are attached so that all the EM information is in one package. These include Savannah River Operations Office (SR), Rocky Flats Field Office, Richland Operations Office, and the Office of River Protection.

Environmental Assessment

No EAs to report.

Environmental Impact Statement

1. **Scrap Metals Disposition Programmatic Environmental Impact Statement (PEIS).** The Notice of Intent was issued on July 12, 2001. The scoping period ended on November 9, 2001. A draft PEIS is expected in March 2004, and a final PEIS and subsequent Record of Decision (ROD) are planned for late Fall 2004. The projected cost for the PEIS is approximately $1,631,000.

2. **Portsmouth Decommissioning EIS.** In anticipation of decommissioning activities following the rampdown of cold standby at the Portsmouth site, and the need to levelize resources, an EIS is likely to be initiated within the next 12-24 months. The EIS is in the very early planning stages and no schedule or projected costs are available at this time.

Supplement Analyses

1. **SA and Revised ROD for the DOE's Waste Isolation Pilot Plant (WIPP) Disposal Phase, Acceptance of Polychlorinated Biphenyls (PCB) Commingled Waste.** The DOE has drafted a SA and a revised *ROD for the DOE's WIPP Disposal Phase* (63 FR 3624.) Consistent with final regulatory approval by the U. S. Environmental

Rec'd 2/19/04

Protection Agency (EPA), DOE intends to dispose of its transuranic (TRU) waste containing PCBs at WIPP near Carlsbad, New Mexico. The DOE began preparing the revised SA and ROD in April 2001. They are expected to be approved in March 2004 and cost approximately $100,000.

2. **SA for the DOE's WIPP Disposal Phase, Use of TRUPACT-III for Waste Shipments to WIPP**. A SA of the *WIPP Disposal Phase Final EIS* (DOE-EIS 0026-S-2) is planned to examine the impacts of transporting waste to WIPP in the TRUPACT-III in a new transportation container, after receiving Nuclear Regulatory Commission certification for the new container. DOE plans to begin the SA in January 2004 and finish by July 2004. The cost is expected to be about $50,000.

3. **Potential Amended ROD to the Final EIS on a Proposed Nuclear Weapons Nonproliferation Policy Concerning FRR SNF (DOE/EIS-0218F).** This Amended ROD would announce the cancellation of the "melt and dilute" treatment process for aluminum clad SNF (Al-clad SNF) if Al-clad SNF in robust containers can be sent without prior treatment for "direct disposal" at the geologic repository. An amended ROD is needed to align NEPA documentation with current baseline plans, and to support pre-conceptual design activities. It is too early to project a schedule or associated costs.

4. **Potential SA of the Programmatic SNF Management and Idaho National Engineering Laboratory (INEEL) Environmental Restoration and Waste Management Programs Final EIS (DOE/EIS-0203F).** A SA may be required to re-evaluate the current policy to consolidate SNF by fuel type at the two interim storage facilities at INEEL and SR. With the pending cancellation of SR treatment, this regional consolidation strategy should be revisited to assure future SNF movements reflect accelerated risk-reduction and cleanup. It is too early to project a schedule or associated costs.

5. **Potential SA and Amended ROD on the Final EIS for the Treatment and Management of Sodium-bonded SNF (DOE-EIS -0306).** This SA is based on the current EM evaluation of the feasibility of packaging specific portions of the Sodium (Na)-bonded SNF inventory for direct disposal as non-Resource Conservation Recovery Act (RCRA) waste. The evaluation will determine if the SNF is not reactive and whether treatment is required. If treatment is necessary to resolve the RCRA characteristics, amended RODs may be needed to support alternative treatment strategies. Additionally, a ROD would be required for treatment of the Fermi Na-SNF inventory at INEEL within the next 24 months. It is too early to project a schedule or associated costs.

Jessie Hill Roberson
Assistant Secretary for
Environmental Management

Attachments

Annual NEPA Planning Summary
Status of Ongoing NEPA Compliance Activities
Ohio Field Office
January 2004

Annual NEPA Planning Summary
Status of Ongoing NEPA Compliance Activities: Environmental Assessments
Ohio Field Office Ashtabula Closure Project (ACP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
NA		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	

Total Number of Ongoing EAs: 0 Total Estimated Cost: $ 0

* Include completed and projected NEPA milestones, if known

Annual NEPA Planning Summary
Status of Ongoing NEPA Compliance Activities: Environmental Impact Statements
Ohio Field Office Ashtabula Closure Project (ACP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
NA		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	
		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	
		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	
		Supplemental Analysis Determination Date: Approval:	

Total Number of Ongoing EISs: 0 Total Number of Ongoing SA: 0 Total Estimated Cost: $0

* Include completed and projected NEPA milestones, if known

Annual NEPA Planning Summary
Environmental Assessments
Expected to be Prepared in the Next 12 Months
Ohio Field Office Ashtabula Closure Project (ACP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
NA		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	

Total Number of Ongoing EAs: 0 Total Estimated Cost: $ 0

* Include projected NEPA milestones, if available

Annual NEPA Planning Summary
Environmental Impact Statements
Expected to be Prepared in the next 24 Months
Ohio Field Office Ashtabula Closure Project (ACP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
N/A		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	
		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	
		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	
		Supplemental Analysis Determination Date: Approval:	

Total Number of EISs to be Prepared: 0 Total Estimated Cost: $ 0

* Include projected NEPA milestones, if available.

Evaluation of whether a site-wide EIS is needed:

The RMI Titanium Company Extrusion Plant (RMI) is a privately owned facility in Northeastern Ohio. From 1962 to 1988, RMI received uranium billets and refined them into various shapes for fuel and target fabrication use by the DOE and its predecessor agencies. RMI also performed work for the U.S. Department of Defense and some commercial entities under a U.S. Nuclear Regulatory Commission (NRC) License. In 1990, all extrusion operations ceased and the project went into a surveillance and maintenance mode. All decommissioning and dismantlement of the facility will be conducted under the jurisdiction of the NRC. The prime contractor for the project is the RM I Titanium Company.

Pursuant to 10 CFR 42, upon cessation of production activities, RMI was compelled to decommission the facility to permit termination of the NRC license. Under the NRC licensing agreement, NRC has been designated the lead agency, with respect to NEPA compliance. DOE, as the funding agency, has become a "cooperating agency" for the NEPA process.

On November 9, 1993, the NRC amended License number SMB-602 to authorize pre-decommissioning activities at the RMI. At the same time, the NRC published an Environmental Assessment (EA) and Finding of No Significant Impact (FONSI) to allow pre-decommissioning activities, such as survey, cleanup and removal of equipment, in preparation for decommissioning work. Also authorized in this EA and FONSI is the handling and disposal of existing waste to DOE-designated disposal facilities. In April of 1995, RMI submitted a Decommissioning Plan to the NRC. On August 28, 1995, the NRC published a Notice of Consideration of Amendment in the *Federal Register.* This notice stated that, prior to issuance of the proposed license amendment, NRC will make and publish findings in a Safety Evaluation Report and an Environmental Assessment. NRC published a FONSI for the Decommissioning activities on August 29, *1997.*

Review of the previous NEPA documentation and projected remediation activities does not indicate future activities which would require a site-wide Environmental Impact Statement.

Annual NEPA Planning Summary
Status of Ongoing NEPA Compliance Activities: Environmental Assessments
Ohio Field Office Columbus Closure Project (CCP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
NA		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	

Total Number of Ongoing EAs: 0 Total Estimated Cost: $0

* Include completed and projected NEPA milestones, if known

Annual NEPA Planning Summary
Status of Ongoing NEPA Compliance Activities: Environmental Impact Statements
Ohio Field Office Columbus Closure Project (CCP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
NA		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	
		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	
		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	
		Supplemental Analysis Determination Date: Approval:	

Total Number of Ongoing EISs: 0 Total Number of Ongoing SA: 0 Total Estimated Cost: $0

* Include completed and projected NEPA milestones, if known

Annual NEPA Planning Summary
Environmental Assessments
Expected to be Prepared in the Next 12 Months
Ohio Field Office Columbus Closure Project (CCP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
NA		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	

Total Number of Ongoing EAs: 0 Total Estimated Cost: $0

* Include projected NEPA milestones, if available

Annual NEPA Planning Summary
Environmental Impact Statements
Expected to be Prepared in the next 24 Months
Ohio Field Office Columbus Closure Project (CCP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
Amendment to the Transuranic (TRU) Waste Record of Decision (ROD) for the Waste Management (WM) Programmatic Environmental Impact Statement (PEIS)	unknown	**Determination Date: TBD** **NOI: TBD** **Scoping: TBD** **Draft: TBD** **Hearings: TBD** **Final: TBD** **ROD: 2004**	Amendment to the TRU Waste Record of Decision (ROD) to the 1995 Waste Management Programmatic Environmental Impact Statement (67 Fed. Reg. 56989) to allow shipment of the remaining TRU inventory to an alternative site for storage (currently assumed to be Savannah River). Joint effort between Battelle Memorial Institute, Savannah River Site, and Environmental Management (EM-11).
		Determination Date: **NOI:** **Scoping:** **Draft:** **Hearings:** **Final:** **ROD:**	
		Determination Date: **NOI:** **Scoping:** **Draft:** **Hearings:** **Final:** **ROD:**	
		Supplemental Analysis **Determination Date:** **Approval:**	

Total Number of EISs to be Prepared: 0 (1 ROD Amendment) Total Estimated Cost: $ Unknown at this time

* Include projected NEPA milestones, if available.

NOTE: The Battelle facilities are neither government-owned nor leased. DOE has liability only for removal of radioactive contamination resulting from historic research activities. The project to remove radioactive material is 75% complete. Review of the original impact assessments in support of the project EA, as well as the current project baseline do not indicate future activities which would require a site-wide Environmental Impact Statement.

Annual NEPA Planning Summary
Status of Ongoing NEPA Compliance Activities: Environmental Assessments
Ohio Field Office Fernald Closure Project (FCP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
NA		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	

Total Number of Ongoing EAs: 0 Total Estimated Cost: $0

* Include completed and projected NEPA milestones, if known

Annual NEPA Planning Summary
Status of Ongoing NEPA Compliance Activities: Environmental Impact Statements
Ohio Field Office Fernald Closure Project (FCP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
NA		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	
		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	
		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	
		Supplemental Analysis Determination Date: Approval:	

Total Number of Ongoing EISs: 0 Total Number of Ongoing SA: 0 Total Estimated Cost: $0

* Include completed and projected NEPA milestones, if known

Annual NEPA Planning Summary
Environmental Assessments
Expected to be Prepared in the Next 12 Months
Ohio Field Office Fernald Closure Project (FCP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
NA		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	

Total Number of Ongoing EAs: 0 Total Estimated Cost: $0

* Include projected NEPA milestones, if available

Annual NEPA Planning Summary
Environmental Impact Statements
Expected to be Prepared in the next 24 Months
Ohio Field Office Fernald Closure Project (FCP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
		Determination Date: **NOI:** **Scoping:** **Draft:** **Hearings:** **Final:** **ROD:**	
		Determination Date: **NOI:** **Scoping:** **Draft:** **Hearings:** **Final:** **ROD:**	
		Determination Date: **NOI:** **Scoping:** **Draft:** **Hearings:** **Final:** **ROD:**	
		Supplemental Analysis **Determination Date:** **Approval:**	

Total Number of EISs to be Prepared: 0 Total Estimated Cost: $ 0

* Include projected NEPA milestones, if available.

Evaluation of whether a site-wide EIS is needed:

Remedial activities at the Fernald Closure Project have been addressed by integrated CERCLA/NEPA documentation. No site-wide EIS is required.

Annual NEPA Planning Summary
Status of Ongoing NEPA Compliance Activities: Environmental Assessments
Ohio Field Office Miamisburg Closure Project (MCP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
NA		**Determination Date:** **Transmittal to State:** **EA Approval:** **FONSI**	Scheduled activities are either covered by existing NEPA documentation (e.g., building demolitions) or are exempt from NEPA review (e.g., CERCLA removal actions).
		Determination Date: **Transmittal to State:** **EA Approval:** **FONSI**	
		Determination Date: **Transmittal to State:** **EA Approval:** **FONSI**	
		Determination Date: **Transmittal to State:** **EA Approval:** **FONSI**	

Total Number of Ongoing EAs: 0 Total Estimated Cost: $ 0

* Include completed and projected NEPA milestones, if known

Annual NEPA Planning Summary
Status of Ongoing NEPA Compliance Activities: Environmental Impact Statements
Ohio Field Office Miamisburg Closure Project (MCP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
NA		**Determination Date:** **NOI:** **Scoping:** **Draft:** **Hearings:** **Final:** **ROD:**	Scheduled activities are either covered by existing NEPA documentation (e.g., building demolitions) or are exempt from NEPA review (e.g., CERCLA removal actions).
		Determination Date: **NOI:** **Scoping:** **Draft:** **Hearings:** **Final:** **ROD:**	
		Determination Date: **NOI:** **Scoping:** **Draft:** **Hearings:** **Final:** **ROD:**	
		Supplemental Analysis **Determination Date:** **Approval:**	

Total Number of Ongoing EISs: 0 Total Number of Ongoing SA: 0 Total Estimated Cost: $ 0

* Include completed and projected NEPA milestones, if known

Annual NEPA Planning Summary
Environmental Assessments
Expected to be Prepared in the Next 12 Months
Ohio Field Office Miamisburg Closure Project (MCP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
NA		Determination Date: Transmittal to State: EA Approval: FONSI	Scheduled activities are either covered by existing NEPA documentation (e.g., building demolitions) or are exempt from NEPA review (e.g., CERCLA removal actions).
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	

Total Number of Ongoing EAs: 0 Total Estimated Cost: $ 0

* Include projected NEPA milestones, if available

Annual NEPA Planning Summary
Environmental Impact Statements
Expected to be Prepared in the next 24 Months
Ohio Field Office Miamisburg Closure Project (MCP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
N/A		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	Scheduled activities are either covered by existing NEPA documentation (e.g., building demolitions) or are exempt from NEPA review (e.g., CERCLA removal actions).
		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	
		Supplemental Analysis Determination Date: Approval:	

Total Number of EISs to be Prepared: 0 Total Estimated Cost: $ 0

* Include projected NEPA milestones, if available.

Evaluation of whether a site-wide EIS is needed:
The Mound Plant has undergone a transition from a site that predominantly supported the Defense Programs (DP) mission in weapons production to a site whose primary mission is environmental restoration and encouraging commercial reuse of the site. The Office of Nuclear Energy, Science and Technology (NE) mission (i.e., production of radioisotope power systems) was transferred to another site (Argonne West). As a result of these major mission changes, several NEPA documents were prepared to cover the transition. The Department's programmatic Non-nuclear Consolidation EA addressed the impacts of the mission change and the intermittent DP and NE missions. The Mound Plant Commercialization EA provided an expanded evaluation of the continuing missions at the Mound, and the commercialization of the plant to private enterprise. In addition, Mound's Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Program procedures incorporated NEPA values, consistent with Secretarial Policy on NEPA. The site is currently undergoing environmental restoration under the CERCLA Program, and the CERCLA process is relied upon to satisfy the requirements of NEPA for individual projects at the Mound Plant. As a result, no comprehensive Site-Wide Environmental Impact Statement is being planned for the future.

Annual NEPA Planning Summary
Status of Ongoing NEPA Compliance Activities: Environmental Assessments
Ohio Field Office West Valley Demonstration Project (WVDP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
N/A		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	
		Determination Date: Transmittal to State: EA Approval: FONSI	

Total Number of Ongoing EAs: 0 Total Estimated Cost: $ 0

* Include completed and projected NEPA milestones, if known

Annual NEPA Planning Summary
Status of Ongoing NEPA Compliance Activities: Environmental Impact Statements
Ohio Field Office West Valley Demonstration Project (WVDP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
Waste Management Environmental Impact Statement (EIS)	< $50K	**Determination Date:** **NOI:** **Scoping:** **Draft:** **Hearings:** **Final: January 2004** **ROD: February 2004**	Preparation of the WVDP Waste Management EIS was begun in March 2001 with publication of the Notice of Intent. The Draft EIS was issued for public comment in May 2003. The Final Waste Management EIS was issued on January 16, 2004. The Record of Decision is expected to be issued as early as mid-February 2004. Issuance of the ROD will conclude the activities associated with preparation and issuance of this EIS. The total estimated cost for this EIS is $1.2M.
Decommissioning and/or Long-Term Stewardship EIS	$750 K	**Determination Date:** **NOI:** **Scoping:** **Draft: 2006** **Hearings:** **Final:** **ROD:**	This EIS has been under development since 1988. DOE/WVDP intends to continue preparation of the revised Draft EIS during Calendar Year 2004. Recent efforts have involved developing a revised project schedule, holding biweekly status meetings with lead and cooperating agencies, and providing support documents and draft EIS appendices to cooperating agencies for review. Tasks for 2004 include finalizing EIS support documents, defining the DOE's decommissioning preferred alternative, and working with cooperating agencies to resolve comments resulting from various document reviews. Because schedule planning for preparation of this EIS is still incomplete, no firm schedule or projected cost is available at this time. However, DOE/WVDP does not anticipate being able to issue a revised draft EIS for public comment during 2004.
		Supplemental Analysis **Determination Date:** **Approval:**	

Total Number of Ongoing EISs: 2 Total Number of Ongoing SA: 0 Total Estimated Cost: $800 K

Annual NEPA Planning Summary
Environmental Assessments
Expected to be Prepared in the Next 12 Months
Ohio Field Office West Valley Demonstration Project (WVDP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
Environmental Assessment for Demolition and Off-site Disposal of Surplus WVDP Buildings and Facilities	~$90 K	**Determination Date:** **Transmittal to State:** **EA Approval:** **FONSI** Completion planned for late 2004	DOE/WVDP intends to pursue the preparation of an Environmental Assessment to evaluate the demolition and removal of surplus buildings and facilities at the WVDP, including large waste storage facilities, following the off-site disposal of the contents of those facilities consistent with the upcoming Record of Decision for the Waste Management EIS. This EA will also evaluate the demolition and off-site disposal of other smaller buildings at the WVDP which are no longer required to support Project activities and whose decommissioning path is not in question. DOE/WVDP expects that the total lifecycle for this EA should be less than one year and comparable in cost to other EAs prepared by EM. However, a firm cost estimate for this EA has not yet been prepared, nor a task order contract issued.
		Determination Date: **Transmittal to State:** **EA Approval:** **FONSI**	

Total Number of Ongoing EAs: 1 Total Estimated Cost: ~$90 K

* Include projected NEPA milestones, if available

Annual NEPA Planning Summary
Environmental Impact Statements
Expected to be Prepared in the next 24 Months
Ohio Field Office West Valley Demonstration Project (WVDP)
January 2004

Title, Location	Estimated Cost	Estimated NEPA Milestones*	Description
N/A		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	
		Determination Date: NOI: Scoping: Draft: Hearings: Final: ROD:	
		Supplemental Analysis Determination Date: Approval:	

Total Number of EISs to be Prepared: 0 Total Estimated Cost: $ 0

* Include projected NEPA milestones, if available.

Evaluation of whether a site-wide EIS is needed:

No change in status. The WVDP plans to prepare a site-wide NEPA EIS analysis to meet its obligations under the West Valley Demonstration Project Act, through preparation of the Decommissioning and/or Long-Term Stewardship EIS.

DOE F 1325.8

United States Government **Department of Energy (DOE)**

memorandum

Savannah River Operations Office (SR)

DATE: JAN 1 6 2004

REPLY TO ATTN OF: EQMD (Danker, 803/952-8603)

SUBJECT: Annual National Environmental Policy Act (NEPA) Planning Summary for DOE Savannah River Site (SRS)

TO: Beverly Cook, Assistant Secretary for Environment, Safety and Health (EH-1), HQ

Attached is the 2004 DOE-SRS NEPA planning summary, as required by DOE Order 451.1B, NEPA Compliance Program. The planning summary has been coordinated with the National Nuclear Security Administration at SRS that includes the Savannah River Site Office and Fissile Materials Disposition Office. The availability of this planning summary will be announced to the public through the *SRS Environmental Bulletin.*

If you have questions, please contact me or your staff may contact Andrew R. Grainger, DOE-SRS NEPA Compliance Officer, at (803) 952-8001 or Steve Danker at (803) 952-8603.

Jeffrey M. Allison
Manager

EQMD:SAD:orc

GC-04-08

Attachment:
DOE-SRS 2004 NEPA Planning Summary

cc w/attch:
J. H. Roberson (EM-1), HQ
I. R. Triay (EM-2), HQ
P. M. Golan (EM-3), HQ
S. A. Frank (EM-20), HQ
J. J. Rose (NA-53), HQ
H. Nigam (NA-265), HQ
C. M. Borgstrom (EH-42), HQ
E. L. Wilmot, SV (concur)
S. M. Franks, NA-266 (concur)

NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) PLANNING SUMMARY

Department of Energy (DOE)-Savannah River Site (SRS)
January 2004

Summary

DOE-SRS has prepared this NEPA Planning Summary in accordance with DOE Order 451.1B. DOE-SRS is currently preparing no environmental assessments (EAs) but anticipates preparation of one or more new EAs over the next 12 months. DOE-SRS is not currently supporting the preparation of any programmatic environmental assessments (PEAs) by other DOE offices and does not anticipate supporting the preparation of any PEAs over the next 12 months. DOE-SRS anticipates initiating 12 Engineering Evaluation/Cost Analyses in the next 12 months. DOE-SRS is currently preparing no EISs and does not anticipate initiating any new EISs over the next 24 months. DOE-SRS is currently preparing two Supplement Analyses (SAs) and does not anticipate any new SAs over the next 24 months. DOE-SRS is currently supporting the preparation of one DOE programmatic environmental impact statement (PEIS), one DOE supplemental PEIS, and one EIS by the Nuclear Regulatory Commission and does not anticipate supporting the preparation of any additional PEISs or EISs over the next 24 months. Cost information for existing DOE-SRS NEPA documents and supporting other NEPA actions is the most current available generally through December 2003 (projected costs are estimates). Dates indicated as projected are the scheduled dates for completion of the documents.

Environmental Assessments (EAs)

1. EAs in Preparation

   None

2. EAs Expected to be Required in the Next 12 months

Based on previous experience and potential actions, DOE-SRS expects to initiate one or more EAs during the next 12 months. DOE-SRS expects a revised finding of no significant impact (FONSI) for the *Natural Resources Management Activities at SRS,* July 1993, (DOE/EA-0826). The DOE/EA-0826 NEPA review is on hold until the next version of the *SRS Natural Resources Management Plan* is finalized. DOE-SRS expects one or more new proposals that would require EAs to be initiated during the coming year, but no other specific projects are known at this time.

Schedule	proposed FONSI	06/04	projected DOE-SRS Cost	$500
			projected WSRC Cost	$6,000

3. Programmatic or Other EAs Supported by DOE-SRS

   A. PEAs in Preparation

   None

   B. PEAs Expected to be initiated in the Next 12 Months

   No PEAs are anticipated within the next 12 months.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)/NEPA Integration Activities

Engineering Evaluation/Cost Analyses (EE/CAs)

1. EE/CAs in Preparation

   None

2. EE/CAs Expected to be Required in the Next 12 months

Based on previous experience and potential actions, DOE-SRS expects to initiate 12 EE/CAs during the next 12 months involving the 105-P disassembly basin hazard mitigation, closure of sumps, tanks, and slabs associated with possible decommissioning of F-Canyon Outside Facilities and FA-Line, and decommissioning of Buildings 678-T, 183-1R, 183-2R, 186-R, 190-R, 186-P, 190-P, 186-C, 186-K, 190-K, and 321-M. When requested, the DOE-Savannah River Operations Office (SR) NEPA staff will assist the DOE-SR Closure Project staff in complying with DOE's CERCLA/NEPA policy.

Each proposed EE/CA	projected DOE-SRS Cost	$6,000
	projected WSRC Cost	$45,000

Environmental Impact Statements (EISs)

1. EISs in Preparation

   None

2. EISs Expected to be Initiated in the Next 24 Months

   None

Supplement Analyses (SAs)

A. SAs in Preparation

Consolidated Storage and Disposition of Surplus Plutonium Materials

This SA will address consolidation and alternatives for disposition of plutonium materials, originally intended for immobilization, that cannot be used for mixed oxide fuel.

Schedule	SA and Amended ROD 03/04 (projected)	Projected DOE-SRS Cost: $20,000 Projected WSRC Cost: $0

Expedited High-Level Waste Processing

This SA will evaluate proposals to accelerate high-level waste processing to eliminate risk.

Schedule	SA and Amended ROD 01/04 (projected)	Projected DOE-SRS Cost: $20,000 Projected WSRC Cost: $0

B. SAs Expected to be Initiated in the Next 24 Months

None

3. Programmatic or Other EISs Supported by DOE-SRS

A. In Preparation

PEIS for Disposition of Scrap Metals
(DOE/EIS-0327)

DOE will evaluate alternatives for disposition of scrap metals from DOE sites that may have been in radiological areas. The disposition options to be analyzed include continuation of the suspension on unrestricted release of metals for recycling, unrestricted release of scrap metals for recycling, and disposal. DOE-SRS will continue to support preparation of this PEIS, as requested.

Schedule	NOI	07/01		DOE-SRS Cost	$0
	Draft PEIS	02/04	(projected)	WSRC Cost	$0
	Final PEIS	04/04	(projected)		
	ROD	05/04	(projected)		

Supplemental Programmatic EIS on Stockpile Stewardship and Management for a Modern Pit Facility (DOE/EIS-0236-S2)

DOE-SRS will continue to support, as requested, preparation of a Supplemental Programmatic EIS on Stockpile Stewardship and Management for a Modern Pit Facility, addressing establishment of a large-scale plutonium pit manufacturing capacity at a selected site. This Supplemental Programmatic EIS will be followed by a tiered project-specific EIS to address the impacts of construction and operation of a Modern Pit Facility at the selected site. DOE-SRS will prepare the project-specific EIS or support its preparation by NNSA.

Schedule	NOI	09/02		DOE-SRS Cost	$0
	Draft PEIS	06/03		WSRC Cost	$400,000
	Final PEIS	03/04	(projected)		
	ROD	04/04	(projected)		

Construction and Operation of a Mixed Oxide (MOX) Fuel Fabrication Facility at SRS (NUREG-1767)

DOE has contracted with Duke Cogema Stone & Webster to design, construct, and operate a proposed MOX Fuel Fabrication Facility that would convert depleted uranium and weapons-grade plutonium into MOX fuel. The proposed MOX facility would be located on the DOE's Savannah River Site in South Carolina. Use of the proposed facility to produce MOX fuel would be part of the DOE's surplus plutonium disposition program. The purpose of the DOE program is to ensure the plutonium produced for nuclear weapons and declared excess to national security is converted to proliferation-resistant forms. DOE-SRS will continue to support input to the Nuclear Regulatory Commission's NEPA process.

Schedule	NOI	03/01	DOE-SRS Cost	$0
	Draft EIS	02/03	WSRC Cost	$75,000
	Final EIS	uncertain		
	ROD	uncertain		

B. PEISs Expected to be Initiated in the Next 24 Months

None

C. Other NEPA Reviews Expected to be Initiated in the Next 24 Months

DOE-SRS would support preparation of NEPA reviews that may be required by proposed changes in the plutonium disposition program and the high-level waste processing program.

DOE-SRS Site-wide EIS

DOE-SRS has recently reviewed the possibility of preparing a site-wide EIS. Currently, DOE-SRS has the following broad-based EISs: *Savannah River Waste Management,* October 1995, (DOE/EIS-0217); *Interim Management of Nuclear Materials,* December 1995, (DOE/EIS-0220); and *Waste Management Activities for Groundwater Protection,* March 1988, (DOE/EIS-0120). Given these NEPA reviews, and the annual environmental reports prepared in accordance with DOE Order 231.1A, DOE-SRS has concluded a site-wide EIS would not facilitate future NEPA compliance efforts at SRS.