DOE F 1325.8

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

memorandum

Savannah River Operations Office (SR)

DATE: JAN 2 8 2005

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: John Shaw, Assistant Secretary for Environment, Safety and Health (EH-1), HQ

Attached is the 2005 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 SRS 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:sl

OESH-05-0044

Attachment:
DOE-SRS 2005 NEPA Planning Summary

cc w/attch:
P. M. Golan, (Acting EM-1), HQ
C. Anderson, (Acting EM-3), HQ
D. Y. Chung, (EM-24), HQ
S. A. Frank, (EM-24), HQ
J. J. Mangeno, (NA-3.6), HQ
H. Nigam, (NA-265), HQ
C. M. Borgstrom, (EH-42), HQ

Annual NEPA Planning Summary Environmental Assessments (EAs) and Engineering Evaluation/Cost Analyses (EE/CAs) Expected to be Prepared in the Next 12 Months

Department of Energy-Savannah River Site (SRS)

Jan-05

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
National Environmental Policy Act determination for the Revised SRS Natural Resources Management Plan	$6,500	Determination Date: Transmittal to State: EA Approval: revised FONSI or EA determination:	Dec-04 n/a n/a Mar-05 projected	DOE prepared an EA in 1993 to analyze the potential environmental impacts of continued management of SRS natural resources. Based on the analyses in the EA, DOE determined the proposed action was not a major Federal action significantly affecting the human environment within the meaning of NEPA, and issued a finding of no significant impact (FONSI). In 2000, DOE issued a revised FONSI that determined implementation of a revised *Red-Cockaded Woodpecker Management Plan* would have impacts no greater than those described in the 1993 EA. The United States Department of Agriculture Forest Service is revising the *Natural Resources Management Plan*. DOE-Savannah River anticipates issuing a revised FONSI in March 2005.
EA for Closure Alternatives for Stormwater Outfalls	$51,000	Determination Date: Transmittal to State: EA Approval: FONSI:	 Dec-05 projected Dec-05 projected	The new stormwater permit for SRS requires minimizing pollutants in the discharge to meet applicable water quality standards. Current sampling of 11 of 12 stormwater outfalls shows exceedance of one or more water quality standards for metals. Various alternatives are being proposed by outfall custodians for 37 outfalls to achieve permit compliance.
DOE-SRS is not preparing any programmatic EAs (PEAs), is not supporting the preparation of any PEAs, and does not anticipate initiating any PEAs in the next 12 months.				
EE/CA for Decommissioning Activities for 211-3F Waste Unloading Station	$51,000	approval date	Jul-05 projected	This 40' by 38' steel-framed building was constructed in 1954 with transite siding and roof. It contains two tank trailer stalls, sumps, valves, and piping for loading and transfer of hazardous and radiological operations which support the 221-F Canyon. This is a nuclear hazard category facility.
EE/CA for Decommissioning Activities for 211-F Outside Facilities	$51,000	approval date	Aug-05 projected	Both chemical and radiological processes are associated with this waste handling facility which is comprised of tanks, sumps, concrete slabs, drains, pumps, and equipment. This is a nuclear hazard category facility.
EE/CA for Decommissioning Activities for 221-1F A-Line	$51,000	approval date	Nov-05 projected	This approximately 12,000 square foot facility was constructed in 1954 and consists of tanks, sumps, evaporator, and pumps. It is currently used for the temporary storage of depleted uranium solution which is being shipped offsite for treatment and disposal. This is a nuclear hazard category facility.
	Total Estimated Cost			
	$210,500			

* Please include projected NEPA milestones, if planned.

Annual NEPA Planning Summary Environmental Impact Statements (EISs) Expected to be Prepared in the Next 24 Months

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

Jan-05

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
DOE-SRS is not preparing any EISs or programmatic EISs (PEISs) and does not anticipate initiating any EISs or PEISs in the next 24 months.		Determination Date:		
		notice of intent (NOI):		
		Scoping:		
		Draft		
		Hearings		
		Final		
		record of decision (ROD)		
		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:		
		Supplemental Analysis:		
		Determination Date:		
		Approval:		
	Total Estimated Cost			
	$0.00			

*Please include projected NEPA milestones, if planned

Annual NEPA Planning Summary Status of Ongoing NEPA Compliance Activities: Environmental Assessments (EAs)

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

Jan-05

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
EA for the National Pollutant Discharge Elimination System Wastewater Permit Compliance Alternatives at SRS (DOE/EA-1513)	$19,000	Determination Date:	2-Nov-04	The South Carolina Department of Health and Environmental Control has recently renewed SRS's National Pollutant Discharge Elimination System Permit. This permit authorizes the continued discharge of wastewater effluents from SRS operations through 25 outfalls into State surface waters for the next five years. Compliance schedules have been negotiated with the State for certain outfalls to assist in meeting the new more restrictive permit limitations. A range of alternative actions to facilitate permit compliance at these outfalls has been identified and will be reviewed in this EA. A floodplain/wetland assessment will also be part of this NEPA review.
		Transmittal to State:	January 2005 projected	
		EA Approval:	Feb 28, 2005 projected	
		FONSI:	Feb 28, 2005 projected	
DOE-SRS is not preparing any programmatic EAs (PEAs), is not supporting the preparation of any PEAs, and does not anticipate initiating any PEAs in the next 12 months.		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 Estimated Cost			
	$19,000			

*Please include projected NEPA milestones, if planned

Annual NEPA Planning Summary Status of Ongoing NEPA Compliance Activities: Environmental Impact Statements (EISs) and Supplement Analyses (SAs)

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

Jan-05

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
Supplemental Programmatic EIS on Stockpile Stewardship and Management for a Modern Pit Facility (DOE/EIS-0236-S2)		Determination Date:		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. DOE-SRS will prepare the project-specific EIS or support its preparation by NNSA. The final supplemental PEIS has been delayed due to Congressional concerns about timing and scope of project.
		NOI:	Sep-02	
		Scoping:	Oct-02	
		Draft	Jun-03	
		Hearings	Jul-03	
		Final	delayed	
	$400,000	ROD	delayed	
Construction and Operation of a Mixed Oxide (MOX) Fuel Fabrication Facility at SRS (NUREG-1767)		Determination Date:		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. DOE-SRS will continue to support input to the Nuclear Regulatory Commission's NEPA process.
		NOI:	Mar-01	
		Scoping:	Mar-03	
		Draft	Feb-03	
		Hearings		
		Final	Jan-05	
	$75,000	Permit Issuance	Feb-05	
Accelerated High-Level Waste Processing		Supplement Analysis:	Dec-04	This supplement analysis will evaluate proposals to accelerate high-level waste processing to eliminate risk.
		Determination Date:		
	$20,000	Approval:	Jan-05	
	Total Estimated Cost			
	$495,000			
****Evaluation of Site Wide EIS:**	n/a			
DOE-SRS is not preparing any EISs or programmatic EISs (PEISs) and does not anticipate initiating any EISs or PEISs in the next 24 months.				

*Please include projected NEPA milestones, if planned