



## Department of Energy

Washington, DC 20585

February 14, 2011

MEMORANDUM FOR SEAN LEV

DEPUTY GENERAL COUNSEL FOR  
ENVIRONMENT AND NUCLEAR PROGRAMS

FROM:

FRANK MARCINOWSKI *William M. Lantz*  
DEPUTY ASSISTANT SECRETARY FOR  
TECHNICAL AND REGULATORY SUPPORT *acting for*

SUBJECT:

Annual National Environmental Policy Act Planning  
Summaries for 2011

In response to Office of General Counsel's memorandum of December 8, 2010, regarding the Annual National Environmental Policy Act (NEPA) Planning Summaries (APS) and in accordance with Department of Energy Order 451.1B, National Environmental Policy Act Compliance Program, I am transmitting our 2011 APSs. The attached Summaries cover the NEPA projects within the Office of Environmental Management's purview, recognizing that some sites have submitted their Summaries directly to you, as provided in the Order. Only those worksheets with entries are provided. Attachment 1 includes a summary table of the NEPA documents planned for each major organizational element.

If you have any questions regarding these attachments, please contact Ms. Jeanie Loving, EM NEPA Compliance Officer, at (202) 586-0125.

Attachments

cc: I. Triay, EM-1  
D. Chung, EM-2  
C. Anderson, EM-3  
J. Loving, EM-41  
W. Levitan, EM-41  
B. Diamond, GC-51  
B. McRae, GC-52  
C. Borgstrom, GC-54



**Attachment: 1 Summary of NEPA Documents Planned for 2011 (\*)  
Office of Environmental Management**

	EAs	EISs	SAs	MAPs
EM Headquarters	--	2	--	--
Carlsbad Field Office	--	--	--	2
Idaho Operations Office	--	--	1	--
Oakland	--	1	--	--
Oak Ridge Office	3	--	--	--
Office of River Protection	--	1	--	--
Portsmouth/Paducah Project Office	1	--	1	--
Richland Operations	6	1	1	--
Savannah River Site (**)	7	--	2	--

(\*) EA-Environmental Assessment; EIS-Environmental Impact Statement;  
SA-Supplement Analysis; MAP-Mitigation Action Plan

(\*\*) Excludes documents for which other offices have lead responsibility

# Annual NEPA Planning Summary

## Environmental Impact Statements Ongoing or Expected to be Prepared in the Next 24 Months

Office of Environmental Management – Headquarters

Jan-11

Title, Location, Document Number	Estimated Cost	Estimated Schedule (NEPA Milestones)	Description	
<b>Disposal of Greater-Than-Class-C Low-level Radioactive Waste EIS/DOE/EIS-0375</b>	\$8 M	EIS Determination Date:	The Greater-than-Class-C (GTCC) Waste EIS evaluates the potential health and environmental impacts of developing disposal capacity for GTCC low-level radioactive waste from Nuclear Regulatory Commission-licensed activities and DOE radioactive waste having similar characteristics, but for which there is no current path to disposal. The U. S. Environmental Protection Agency is a cooperating agency. DOE is evaluating disposal in a geologic repository, deep boreholes, and near-surface burial, at the Waste Isolation Pilot Plant and vicinity, Hanford Site, Idaho National Laboratory, Los Alamos National Laboratory, Savannah River Site, and Nevada National Security Site (formerly Nevada Test Site), as well as a commercial site. The ROD will be issued following Congressional action on Report to Congress on Disposal Alternatives.	
		NOI:		7/23/2007
		Scoping:		7/23/07 to 9/21/07
		Draft		Feb-11
		Hearings		4-2011 to 5-2011, To be
		Final		2012
ROD	TBD			
<b>Long-Term Management and Storage of Elemental Mercury EIS DOE/EIS-0423</b>	\$4 M	EIS Determination Date:	The Mercury Export Ban Act of 2008 directs DOE to designate a facility or facilities for the long-term management and storage of elemental mercury generated within the United States. DOE's facility must be operational by January 1, 2013. This EIS will support the decision as to the location of this facility. The U.S. Environmental Protection Agency; Mesa County, Colorado; and the Texas Commission on Environmental Quality are cooperating agencies.	
		NOI:		7/2/2009
		Scoping:		7/2-8/24/2009
		Draft		1/29/2010
		Hearings		2/2010-3/2010
		Final		1/28/2011
ROD	Expected 8/2011			
		EIS Determination Date:		
		NOI:		
		Scoping:		
		Draft		
		Hearings		
		Final		
		ROD		
		Supplement Analysis:		
		SA Determination Date:		
		Approval:		
		Supplement Analysis:		
		SA Determination Date:		
		Approval:		
	<b>Total Estimated Cost</b>			
	\$12 M			

2/14/2011

## Annual NEPA Planning Summary

### Mitigation Action Plan (MAP) Tracking

Carlsbad Field Office

January, 2011

NEPA Document Title, Location, Document Number	Key Dates in MAP Implementation		Discussion of Mitigation Commitments and Implementation Status
<b>Environmental Assessment for the Reconstruction of the South Access Road (CR 802) in Support of The Department of Energy, Waste Isolation Pilot Plant (WIPP) in Eddy County, New Mexico (ARRA) (DOE/EA-1755)</b>	ROD/FONSI date:	1/27/2010	All mitigation measures identified in the Mitigation Action Plan for this project have been implemented as appropriate. This project is now complete, and no further mitigation actions remain.
	MAP date:	1/27/2010	
	Mitigation report 1:	1/20/2011	
	Mitigation report 2:		
	Mitigation report 3:		
	Mitigation report 4:		
<b>Final Environmental Impact Statement Waste Isolation Pilot Plant (DOE/EIS-0026); Final Supplement Environmental Impact Statement Waste Isolation Pilot Plant (DOE/EIS-0026-FS)</b>	ROD/FONSI date:	1/28/1981; 6/22/1990	A report on implementation of mitigation measures identified in the Mitigation Action Plan for the Waste Isolation Pilot Plant are submitted by July 10 of each year.
	MAP date:	7/10/1991	
	Mitigation report 1:	6/28/2010	
	Mitigation report 2:		
	Mitigation report 3:		
	Mitigation report 4:		
	Mitigation report 5:		
	ROD/FONSI date:		
	MAP date:		
	Mitigation report 1:		
	Mitigation report 2:		
	Mitigation report 3:		
	Mitigation report 4:		
	Mitigation report 5:		

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

Idaho Operations Office  
Jan-11

*Title, Location	Estimated Cost	Estimated Schedule (*NEPA Milestones)	Description
No environmental impact statements are planned		Determination Date: NOI: Scoping: Draft Hearings Final ROD	
Supplement analysis of the 1995 DOE Programmatic Spent Nuclear Fuel Management and Idaho National Engineering Laboratory Environmental Restoration and Waste Management Programs Final Environmental Impact Statement	\$50,000.00	Supplement Analysis: Determination Date: Feb-10	The supplement analysis will compare the impacts of projects in the 1995 EIS with updated plans and prevailing environmental conditions.
	Approval: May-11 Total Estimated Cost \$50,000.00		

\*Please include projected NEPA milestones, if planned

# Annual NEPA Planning Summary

## Environmental Impact Statements Ongoing or Expected to be Prepared in the Next 24 Months

DOE-EM-EETEC

Jan-11

Title, Location, Document Number	Estimated Cost	Estimated Schedule (NEPA Milestones)	Description
Santa Susana Field Laboratory Area IV, California, DOE/EIS-0402		EIS Determination Date: 7/19/2007	EIS preparation responds to 05/02/07 court decision, ANOI (72FR 588.34). NOI (73 FR 28437). Scoping meetings in Simi Valley, Northridge, and Sacramento, CA. Scoping period ended 8/14/08. EPA region 9 CA EPA (DTSC), and NASA invited to cooperate 8/14/08. NASA, DTSC, and EPA Region 9 declined. EPA performing radiological characterization; DTSC chemical characterization; DOE cultural, biological identification. EIS preparation on-going but may not be completed until characterization
		ANOI 10/17/2007	
		NOI: 5/16/2008	
		Scoping: 7/22/2008-7/24/2008	
		Draft	
		Hearings	
		Final	
		ROD	
		EIS Determination Date:	
		NOI:	
		Scoping:	
		Draft	
		Hearings	
		Final	
		ROD	
		EIS Determination Date:	
		ANOI	
		NOI:	
		Scoping:	
		Draft	
		Hearings	
Final			
		ROD	
		EIS Determination Date:	
		NOI:	
		Scoping:	
		Draft	
		Hearings	
		Final	
		ROD	
		Supplement Analysis:	
		SA Determination Date:	
		Approval:	
		Supplement Analysis:	
		SA Determination Date:	
		Approval:	
	<b>Total Estimated Cost</b>		
	\$8.8 Million		

## Annual NEPA Planning Summary

### Environmental Assessments Ongoing or Expected to be Prepared in the Next 12 Months

*Oak Ridge Office (ORO) (EM Projects Only)*

2011

Title, Location, Document Number	Estimated Cost	Estimated Schedule Milestones (NEPA)		Description
Disposition of Radioactively Contaminated Nickel Located at the East Tennessee Technology Park, Oak Ridge, Tennessee, and the Paducah Gaseous Diffusion Plant, Paducah, Kentucky for Controlled Radiological Applications (DOE/EA-1599) (EM Project)	\$200,000	EA Determination Date:	17-Aug-07	Disposition of radioactively contaminated nickel located at the East Tennessee Technology Park and the Paducah Gaseous Diffusion Plant for controlled radiological use. Current Status: EA is on hold pending direction from DOE Headquarters.
		Transmittal to State:	13-Jun-08	
		EA Approval:	TBD	
		FONSI:	TBD	
Transfer of Land and Facilities within the East Tennessee Technology Park and Surrounding Areas, Oak Ridge, Tennessee (DOE/EA-1640) (EM Project)	\$140,000	EA Determination Date:	23-Oct-08	Conveyance (lease, easement, and/or title transfer) of DOE land and facilities within the East Tennessee Technology Park and surrounding areas for mixed use (i.e., industrial, commercial, and recreational) economic development.
		Transmittal to State:	28-Dec-09	
		EA Approval:	30-Jun-11	
		FONSI:	30-Jun-11	
Environmental Assessment Biosolids Application on the Oak Ridge Reservation, Oak Ridge, Tennessee (DOE/EA-1779) (EM Project)	\$60,000	EA Determination Date:	10-Feb-10	Preparations are being made for the restart of the DOE/City of Oak Ridge sanitary biosolids application on the Oak Ridge Reservation. Changes in the buffer zones near wetlands and streams are being considered.
		Transmittal to State:	TBD	
		EA Approval:	TBD	
		FONSI:	TBD	
		EA Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
		EA Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
		EA Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
	<b>Total Estimated Cost</b>			
	\$400,000			

## Annual NEPA Planning Summary Environmental Assessments Expected to be Prepared in the Next 12 Months

**Portsmouth Gaseous Diffusion Plant - Portsmouth Paducah Project Office**

*24-Jan-11*

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
<b>Sitewide Re-use Environmental Assessment Portsmouth Gaseous Diffusion Site</b>	\$300,000	Determination Date:	Feb. - 11	An EA is being prepared to address potential environmental impacts associated with the transfer of DOE-owned real property by sale or lease at a defense nuclear facility for the purpose of economic development.
		Transmittal to State:		
		EA Approval:	Nov. - 11	
		FONSI:	Dec. - 11	
<b>Environmental Assessment for the Conveyance of 340 Acres of land to the Southern Ohio Diversification Initiative for Economic Development</b>		Determination Date:		Cancelled. Preparing the Sitewide Re-Use Environmental Assessment instead.
		Transmittal to State:		
		EA Approval:		
		FONSI:		
		Determination Date:		
		Transmittal to State:		
		EA Approval:		
	<b>Total Estimated Cost</b>			
	\$300,000.00			

\* Please include projected NEPA milestones, if planned.

## Annual NEPA Planning Summary Status of Ongoing NEPA Compliance Activities: Environmental Impact Statements

Portsmouth Gaseous Diffusion Plant - Portsmouth Paducah Project Office

1/24/2011

*Title, Location	Estimated Cost	Estimated Schedule Milestones (**NEPA)	Description
Supplement Analysis for disposal of Depleted Uranium Oxide generated from the conversion of DOE's inventory of DUF6 (DOE/EIS-0359-SA1) & (DOE/EIS-0360-SA1)	\$100,000	Determination Date: Dec-11	A Supplement Analysis (SA) was developed to assess whether the project must supplement the two site-specific environmental impact statements (EISs) or prepare any new EIS for the conversion facilities in order to decide where it will dispose of the conversion products (oxide, emptied cylinders, and a small amount of CaF <sub>2</sub> produced during normal conversion operations). The SA was issued in the Federal Register for
		Transmittal to State:	
		EA Approval: N/A	
		FONSI: N/A	
DUF6 Amended Record of Decision (Portsmouth)	\$50,000	Determination Date: Jan-12	The SA is expected to be issued final within the next 12 months. Upon approval, a revised ROD will be issued allowing the transportation and disposal of uranium oxide and empty cylinders
		Transmittal to State:	
		EA Approval: N/A	
		FONSI: N/A	
DUF6 Amended Record of Decision (Paducah)	\$50,000	Determination Date: Jan-12	The SA is expected to be issued final within the next 12 months. Upon approval, a revised ROD will be issued allowing the transportation and disposal of uranium oxide and empty cylinders
		Transmittal to State:	
		EA Approval: N/A	
		FONSI: N/A	
		Determination Date:	
		Transmittal to State:	
		EA Approval:	
		FONSI:	
		Determination Date:	
		Transmittal to State:	
		EA Approval:	
		FONSI:	
		FONSI:	
		Determination Date:	
		Transmittal to State:	
		EA Approval:	
		FONSI:	
	<b>Total Estimated Cost</b>		
	<b>\$200,000.00</b>		

\*Please include projected NEPA milestones, if planned

# Annual NEPA Planning Summary New Environmental Assessments Expected to be Prepared in the Next 12 Months

*Richland Operations Office*

*January-11*

Title, Location	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description
<b>Solar Energy Farm</b>		Determination Date		Proposed solar energy development on 300 acres of DOE-owned land leased to Energy Northwest.
		Transmittal to State		
		EA Approval		
		FONSI		
<b>Land Transfer for Industrial Development</b>		Determination Date		Transfer of 900-1200 acres for industrial development
		Transmittal to State		
		EA Approval		
		FONSI		
<b>Closure of RCRA Treatment, Storage and Disposal Facilities and RCRA Past Practice Units at the Hanford Site</b>		Determination Date		Many RCRA Treatment Storage and Disposal facilities on the Hanford site have been administratively or clean closed. The closure or the remaining RCRA TSDs could range from clean to landfill closure necessitating an analysis of the potential impacts.
		Transmittal to State		
		EA Approval		
		FONSI		
<b>Reevaluation of Sources of Silt Loam Borrow Material to Support the Engineered Surface Barriers at the Hanford Site</b>		Determination Date		Reevaluation of sources of borrow material to support barrier construction for the closure of Hanford waste sites. The HCP-EIS identified Borrow Area C as the source of silt loam material for engineered surface barriers. Other sources of such silt loam have been identified, considered in the HCP-EIS, and eliminated from further consideration due to potential cultural and ecological concerns. Designation of Rattlesnake Mountain as a TCP warrants a reevaluation of the borrow sources.
		Transmittal to State		
		EA Approval		
		FONSI		
		Determination Date		
		Transmittal to State		
		EA Approval		
		FONSI		
		Determination Date		
		Transmittal to State		
		EA Approval		
		FONSI		
	<b>Total Estimated Cost</b>			
	\$0.00			

# Annual NEPA Planning Summary Status of Ongoing NEPA Compliance Activities: Environmental Assessments

*Richland Operations Office*

*Jan-11*

Title, Location	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description
Supplement Analysis/Addendum to the Use of Existing Borrow Areas, Hanford Site Environmental Assessment dated October 2001. (DOE/EA-1403)	\$150,000	Determination Date	11/1/2009	The EA proposed to obtain borrow material from existing borrow pits with the potential of expanding the disturbed surface area by an additional ten percent. The purpose of the Supplement Analysis/Addendum to the EA is to clarify ambiguity as to the expansion of a single pit, 100-N, analyzed in the EA.
		Transmittal to State		
		EA Approval		
		FONSI		
Closure of the Solid Waste Landfill and the Non-Radioactive Dangerous Waste Landfill. (DOE/EA-1707)	\$250,000	Determination Date	12/1/2009	DOE proposes to close the Solid Waste Landfill ( a non-RCRA facility) and the Non-Radioactive Dangerous Waste Landfill (a RCRA facility). The two facilities ceased operations in 1996 and 1988, respectively. Issued for 30-day public comment on May 13, 2010; public comment period extended an additional 30 days through July 15, 2010. DOE has decided to reissue the draft EA based on public comments received. Washington State Department of Ecology is a cooperating agency on the reissue draft EA. The schedule is under review.
		Transmittal to State	5/13/2010	
		EA Approval	TBD	
		FONSI	TBD	
Integrated Vegetation Management through Physical, Chemical, Biological, Prescribed Burning, and Revegetation Methods on the Hanford Site, Richland, Washington. (DOE/EA-1728)	\$150,000	Determination Date	10/20/2010	DOE will evaluate Integrated Vegetation Management on the Hanford Site using physical, chemical, biological, prescribed burning, and revegetation methods for the purpose of identifying opportunities/strategies to reduce wildfire hazards, eradicate noxious weeds and invasive plants, and promote desirable plant species and wildlife habitat. Vegetation management has been implemented on the Hanford Site for decades using NEPA categorical exclusions on a case-by-case basis. EA was rescoped on October 20, 2010.
		Transmittal to State	2/26/2011	
		EA Approval	4/1/2011	
		FONSI	4/30/2011	
		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		
	<b>Total Estimated Cost</b>			
	\$550,000.00			

# Annual NEPA Planning Summary New Environmental Impact Statements Expected to be Prepared in the Next 24 Months

*Richland Operations Office*

*Jan-11*

Title, Location	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description
Natural Gas Pipeline to the Waste Treatment Plant and 242-A Evaporator Environmental Impact Statement, Richland, Washington	\$2.5M	Determination Date	2/1/2011	The DOE proposes to extend an existing 28-inch natural gas pipeline that runs parallel to State Highway 395 on the east side of the Columbia River.
		NOI	4/1/2011	
		Scoping	6/1/2011	The pipeline extension will run under the Columbia River and cross near the 300 Area of the Hanford Site. The pipeline will run north along Route 4 South and follow Route 4 South to near Canton Avenue in 200 East Area. The pipeline will be 14 to 18 inches in diameter. Two 100-foot by 100-foot lift stations (10,000 square feet) may be required to condition the gas (i.e., compressor stations). One lift station will be located near the 300 Area and one located on Route 4 South near Canton Avenue.
		Draft	1/13/2012	
		Hearings	4/1/2012	
		Final	8/1/2012	
		ROD	9/1/2012	
		Determination Date		
		NOI		
		Scoping		
		Draft		
	Total Estimated Cost	Supplement Analysis		
		Determination Date		
		Approval		
		Supplement Analysis		
		Determination Date		
	\$0.00	Approval		

# Annual NEPA Planning Summary Status of Ongoing NEPA Compliance Activities: Environmental Impact Statements

Office of River Protection

January-11

Title, Location	Estimated Cost	Estimated Schedule		Description
Tank Closure and Waste Management, EIS Hanford Site (DOE/EIS-0391)	\$85,000,000	Determination Date	1/6/2006	The Tank Closure and Waste Management Environmental Impact Statement (TC&WM EIS), DOE/EIS-0391 is an expansion and renaming of the TC EIS. The TC&WM EIS considers the impacts of the proposed retrieval, treatment, and disposal of the waste being managed in the tank farms at the Hanford Site; closure of the 149 single-shell tanks and associated facilities in the tank farms; additional tank waste treatment capacity; reanalyzes waste management activities and off-site waste volumes from the Final Hanford Solid Waste Program EIS, January 2004, DOE/EIS-286F; and decommissioning alternatives in the cancelled FFTF EIS, DOE/EIS-0364. The Washington State Department of Ecology is a Cooperating Agency on the EIS. The draft EIS comment period was extended to 5/3/2010 (75 FR 13268; 3/19/10). EPA Region 10 accepted DOE's invitation to be a cooperating agency. The schedule is under review.
		NOI	2/6/2006	
		Scoping	3/6/2006	
		Draft	10/30/2009	
		Hearings	January/March 2010	
		Final	TBD	
		ROD	TBD	
		Determination Date		
		NOI		
		Scoping		
		Draft		
		Hearings		
		Final		
		ROD		
		Determination Date		
		NOI		
		Scoping		
		Draft		
		Hearings		
		Final		
		ROD		
		Determination Date:		
		NOI		
		Scoping:		
		Draft		
		Hearings		
		Final		
		ROD		
	<b>Total Estimated Cost</b>			
	\$85,000,000.00			

**Annual NEPA Planning Summary Environmental Assessments (EAs)**  
**Expected to be Initiated in the Next 12 Months**

*Department of Energy (DOE) Savannah River Site (SRS)*  
*Jan-11*

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
<b>Small Modular Reactor Demonstration</b>		Determination Date:	uncertain	Savannah River Nuclear Solutions, LLC, (SRNS) has signed Memoranda of Understanding with GE Hitachi Nuclear Energy and Hyperion Power to collaborate on small modular reactor development and explore the potential of deploying prototype reactors as part of a proposed demonstration of small modular reactor technologies. DOE anticipates that SRNS will enter into similar agreements with other vendors. DOE would conduct the appropriate NEPA review of proposals if and when they come forward. Inclusion of this item as an EA does not mean that DOE has determined that an EA is the appropriate NEPA review; that determination must await a proposal ripe for evaluation.
		Transmittal to State:	uncertain	
		EA Approval:	uncertain	
	\$50,000	FONSI:	uncertain	
<b>New Stormwater NPDES Permit</b>		Determination Date:	uncertain	South Carolina Department of Health and Environmental Control (SCDHEC) issued a National Pollutant Discharge Elimination System (NPDES) Industrial Stormwater General Permit (IGP) # SCR000000 November 12, with an effective date of January 1, 2011. Additional NEPA evaluation is expected because the industrial-sector-based IGP is more prescriptive than the current permit; it includes specific pollutants that must be monitored for each sector, and it will require increased monitoring frequency and inspections. The new IGP also will require that hardness-dependent metals be evaluated against their concentrations as the concentrations relate to actual hardness levels of the receiving waters. Because the hardness levels in SRS streams are relatively low, the hardness-dependent metals benchmarks also are expected to be low. A Notice of Intent for coverage under the IGP must be submitted to SCDHEC within 90 days of the effective date (January 1, 2011) for any facility to be able to continue the discharge of industrial stormwater. A Pollution Prevention Plan (PPP) is in preparation. SRS storm water outfalls and best management practices will require review to ensure NEPA coverage in DOE/EA-1563. A revised FONSI or new EA is anticipated.
		Transmittal to State:	uncertain	
		EA Approval:	uncertain	
	\$20,000	FONSI:	uncertain	
	<b>Total Estimated Cost</b>			
	\$70,000			

\* Please include projected NEPA milestones, if planned.

## Annual NEPA Planning Summary Environmental Impact Statements (EISs) and Supplement Analyses (SAs) Expected to be Initiated in the Next 24 Months

*DOE SRS  
Jan-11*

*Title, Location	Estimated Cost	Estimated Schedule (*NEPA Milestones)		Description
<b>Environmental Impact Statements, none</b>		Determination Date:	n/a	
		notice of intent (NOI):	n/a	
		Scoping:	n/a	
		Draft	n/a	
		Hearings	n/a	
		Final	n/a	
<b>Supplement Analysis, High-Level Waste Tank Closure at the Savannah River Site (DOE/EIS-0303-SA1)</b>	\$20,000	Supplement Analysis:		DOE plans to prepare a Supplement Analysis to provide more realistic estimates, based on a revised Performance Assessment and new tank cleaning techniques, of the environmental impacts of tank closure activities described in the High-Level Waste Tank Closure EIS (DOE/EIS 0303). DOE does not anticipate a need to amend the Tank Closure EIS ROD.
		Determination Date:	uncertain	
		Approval:	uncertain	
	<b>Total Estimated Cost</b>			
	\$20,000			

\* Please include projected NEPA milestones, if planned.

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

*DOE SRS  
Jan-11*

*Title, Location	Estimated Cost	Estimated Schedule (*NEPA Milestones)		Description
EA for the Proposed Use of SRS Lands for Military Training (DOE/EA-1606)	\$82,700	Determination Date:	Oct-07	In accordance with an Interagency Agreement (IAG) DOE will prepare an EA to analyze the potential environmental consequences of the proposed use of SRS lands for military training. The purpose of the proposed action is to provide the U.S. Army with greater flexibility in developing training missions and strategies in response to rapidly changing world conditions. The IAG was approved in September 2009. The draft and final EA are scheduled to be available in February and April 2011, respectively.
		Transmittal to State:	Mar-08	
		EA Approval:	Apr-11	
		FONSI:	Apr-11	
<b>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.</b>				
	<b>Total Estimated Cost</b>			
	\$82,700			

\* 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)

DOE SRS

Jan-11

*Title, Location	Estimated Cost	Estimated Schedule (*NEPA Milestones)		Description
<b>EIS for the Storage and Management of Elemental Mercury</b> (DOE/EIS-0423)	\$10,000	Determination Date:		As directed by the Mercury Export Ban Act of 2008, DOE will evaluate seven sites, including SRS, for long-term storage of elemental mercury. SRS is an alternative site for a new mercury storage facility. A scoping meeting was held in North Augusta, SC on July 30, 2009. DOE issued the draft EIS in January 2010 with the public comment period ending on March 30. The draft EIS is available at <a href="http://www.mercurystorageeis.com">www.mercurystorageeis.com</a> . A public hearing was held on March 4, 2010, in North Augusta, SC. The final EIS was issued in January 2011. The Waste Control Specialists facility near Andrews, Texas is the preferred alternative site listed in the final EIS.
		NOI:	Jul-09	
		Scoping:	Aug-09	
		Draft	Jan-10	
		Hearings	Mar-10	
		Final	Jan-11	
		ROD		
<b>Supplemental EIS, Surplus Plutonium Disposition</b> (DOE/EIS-0283-S2)	\$3,500,000	Determination Date:	Aug-06	In 2007 DOE began preparation of an SEIS to evaluate the potential environmental impacts of plutonium disposition capabilities that would be constructed and operated at SRS. DOE now intends to revise the scope of the SPD SEIS to refine the quantity and types of surplus weapons usable plutonium and evaluate additional alternatives for the disposition of these materials. Separately, as a result of additional studies the Deputy Secretary has authorized preparation of a conceptual design for a project that would combine the proposed functions of the Pit Disassembly and Conversion Facility (PDCF) and the Plutonium Preparation Project (PuP) and install the required equipment in the K-Area Complex at SRS. Therefore, DOE issued a revised Notice of Intent in July 2010 that invited public scoping comments on a revised scope. DOE will evaluate alternatives for disposition of surplus non-pit plutonium and surplus clean metal and oxide plutonium materials. Alternatives for disposition of non-pit plutonium will be processing in H-Canyon for vitrification in the Defense Waste Processing Facility, disposition using the Mixed Oxide Fuel Fabrication Facility, a can-in-canister vitrification project, and preparation for disposal at WIPP. In addition DOE will evaluate project alternatives for disposition of surplus plutonium pits, clean metal and clean oxide in a stand-alone PDCF and PuP facility, and a combined project that would install the equipment for both PDCF and PuP in the K-Area Complex at SRS. DOE will also analyze the potential impacts of using mixed oxide fuel in up to 5 reactors owned by the Tennessee Valley Authority (TVA), with TVA as a cooperating agency with DOE for the preparation and review of the document.
		NOI:	Mar-07	
		Scoping:	Apr-08	
		Additional Scoping:	Aug-10	
		Draft		
		Hearings		
		Final		
ROD				

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

*DOE SRS  
Jan-11*

*Title, Location	Estimated Cost	Estimated Schedule (*NEPA Milestones)		Description
<b>EIS for the Disposal of Greater-Than-Class-C Low-Level Radioactive Waste (GTCC LLW)</b> <b>DOE/EIS-0375</b>	tbd	Determination Date:	May-05	DOE will evaluate GTCC LLW disposal in a geologic repository, in intermediate depth boreholes, and in enhanced near surface disposal facilities. Candidate locations for these disposal facilities would be: the Idaho National Laboratory in Idaho; the Los Alamos National Laboratory and Waste Isolation Pilot Plant in New Mexico; the Nevada Test Site and the proposed Yucca Mountain repository in Nevada; the Savannah River Site in South Carolina; the Oak Ridge Reservation in Tennessee; and the Hanford Site in Washington. DOE would also evaluate generic commercial disposal at arid and humid locations. In addition, DOE proposes to include DOE LLW and transuranic waste having characteristics similar to GTCC LLW and which may not have an identified path to disposal (hereafter referred to as GTCC-like waste) in the scope of this EIS. DOE's GTCC-like waste is owned or generated by DOE. The use of the term "GTCC-like" does not have the intent or effect of creating a new classification of radioactive waste. The NOI is available on the internet at <a href="http://www.eh.doe.gov/nepa">http://www.eh.doe.gov/nepa</a> . Additional information on the GTCC LLW EIS can be found at <a href="http://www.gtcceis.anl.gov">http://www.gtcceis.anl.gov</a> . The draft EIS is scheduled to be issued in early 2011, the final EIS in March 2012, and the ROD schedule is uncertain.
		Advance NOI:	May-05	
		NOI:	Jul-07	
		Scoping:	Aug-07	
		Draft:		
		Final:		
		ROD	tbd	
<b>Supplement Analysis, Spent Nuclear Fuel Management</b> <b>(DOE/EIS-0279-SA-01)</b>	\$40,000	Supplement Analysis:		DOE has drafted a Supplement Analysis to summarize the environmental impacts of managing aluminum-clad spent nuclear fuel from foreign and domestic reactors by processing in H-Canyon rather than using the Melt-and-Dilute process. DOE would issue an amended ROD to document the decision.
		Determination Date:	Oct-06	
		Approval:		
	<b>Total Estimated Cost</b>			
	\$3,550,000			

\* Please include projected NEPA milestones, if planned.