

**ENVIRONMENTAL IMPACT STATEMENTS (EISs) and ENVIRONMENTAL ASSESSMENTS (EAs)
INVOLVING THE SAVANNAH RIVER SITE (SRS) April 2016**

Note: Items underlined are changes made since the previous report.

NEPA ACTIONS INVOLVING SRS

Title, Document Number, Document Manager, point-of-contact (POC)	Mar-16	Apr-16	May-16	Jun-16	Milestones	Comments
Surplus Plutonium Disposition Supplemental EIS DOE/EIS-0283-S2 DM: Sachiko McAlhany, NA-26 SR POC: Allen Gunter, Nuclear Materials Stabilization Projects EM POC: Deborah Kula, EM-22 GC POC: Brian Costner, GC-54 (http://energy.gov/nepa/downloads/eis-0283-s2-final-supplemental-environmental-impact-statement)		<u>ROD</u>			NOI 03/07 scoping 04/08 revised NOI 7/19/10 scoping 08/10 Revised NOI 01/12/12 scoping 01-03/12 DSEIS 07/12 public hearings 08-09/12 FSEIS 05/15 Notice of Preferred Alternative 12/15 <u>ROD 4/16</u>	DOE/NNSA is evaluating alternatives for disposition of surplus non-pit plutonium and surplus metal and oxide plutonium materials. DOE/NNSA is also evaluating options for the pit disassembly and conversion capability. The Tennessee Valley Authority (TVA) is a cooperating agency, and the SEIS evaluates the impacts of using mixed oxide fuel in TVA reactors. The draft SEIS was made available for public comment from July 27, 2012, through October 10, 2012, with seven public hearings. The Final SPD Supplemental EIS Notice of Availability was published in the Federal Register on May 8, 2015. No Preferred Alternative was identified at that time. DOE/NNSA announced in the Federal Register on December 24, 2015, its Preferred Alternative for the disposition of certain quantities of surplus plutonium evaluated in the Final SPD Supplemental EIS (April 2015). Among the potential actions considered in the Final SPD Supplemental EIS (<u>SEIS</u>), DOE/NNSA analyzed the potential environmental impacts for the disposition of 13.1 metric tons of surplus plutonium for which a disposition path is not assigned, including 7.1 metric tons of plutonium from pits that were declared excess to national defense needs and 6 metric tons of surplus non-pit plutonium. With regard to the 6 metric tons of surplus non-pit plutonium, DOE/NNSA's Preferred Alternative is to prepare this plutonium for eventual disposal at the Waste Isolation Pilot Plant in Carlsbad, New Mexico, a geologic repository for disposal of Transuranic (TRU) waste generated by atomic energy defense activities. DOE/NNSA may issue a Record of Decision (<u>ROD</u>), containing its decision(s) for disposition of this quantity of material, no sooner than 30 days from the date of publication of this notice in the Federal Register. <u>DOE/NNSA published the ROD implementing this preferred alternative for the Final SPD SEIS on April 4, 2016.</u>
Supplement Analysis for Disposition of Mk-18A Targets at Savannah River Site						DOE-SR proposes to evaluate DOE/EIS-0220 (Final EIS for Interim Management of Nuclear Materials) and DOE/EIS-0279 (SRS Spent Nuclear Fuel Management) to determine if further NEPA documentation is required for disposition of sixty-five Mk-18A targets.

NEPA ACTIONS POTENTIALLY INVOLVING SRS

<p>EIS for the Disposal of Greater-Than-Class-C Low-Level Radioactive Waste (GTCC LLW) DOE/EIS-0375 SR POCs: Tracy Williams, Environmental Quality Management Division (EQMD) Bert Crapse, Waste Disposition Programs Division (WDPD) EM POC: Theresa Kliczewski EM-32 (http://energy.gov/nepa/downloads/eis-0375-draft-environmental-impact-statement)</p>		FEIS			<p>Advance NOI 05/05 NOI 07/07 scoping meetings 08/07 04/11 DEIS 02/11 FEIS 03/16</p>	<p>DOE is evaluating disposal of GTCC LLW in a geologic repository, in intermediate depth boreholes, and in enhanced near surface disposal facilities. Alternative locations for these disposal facilities are: the Idaho National Laboratory in Idaho; the Los Alamos National Laboratory, the Waste Isolation Pilot Plant (WIPP), and some area within and around WIPP referred to as WIPP Vicinity in New Mexico; the Nevada National Security Site in Nevada; the Savannah River Site in South Carolina; and the Hanford Site in Washington. DOE is also evaluating generic commercial disposal at arid and humid locations. DOE includes DOE LLW and transuranic waste having characteristics similar to GTCC LLW and which may not have an identified path to disposal (referred to as GTCC-like waste) in the scope of this EIS. The draft EIS was issued on February 25, 2011. The Notice of Availability for the Final EIS was issued March 4, 2016. The ROD date is uncertain.</p>
<p>EIS for the Long-Term Management and Storage of Elemental Mercury DOE/EIS-0423-S1 SR POCs: Tracy Williams, EQMD Bert Crapse, WDPD EM POC: David Levenstein EM-11 (http://energy.gov/sites/prod/files/2013/09/f3/EIS-0423-S1-FEIS-2013.pdf)</p>					<p>NOI 07/09 scoping meetings 07-08/09 DEIS 01/10 FEIS 01/11 NOI 06/12 scoping meetings 06/12 DSEIS 04/13 FSEIS 10/13</p>	<p>As directed by the Mercury Export Ban Act of 2008, DOE prepared an EIS and evaluated seven sites, including SRS, for long-term storage of elemental mercury. The final EIS was issued in January 2011. Since publication of the <i>Final Mercury Storage EIS</i>, DOE has reconsidered the range of reasonable alternatives evaluated in the EIS. Accordingly, DOE now evaluated additional locations and issued a Notice of Intent to prepare a Supplemental EIS for the Long-Term Management and Storage of Elemental Mercury (http://mercurystorageeis.com). The draft SEIS was issued in April 2013 and the final SEIS was issued in October 2013. The ROD schedule is uncertain. (http://energy.gov/sites/prod/files/2013/09/f3/EIS-0423-S1-FEIS-Summary-2013.pdf)</p>
<p>The Department of the Navy is proposing to prepare a new Environmental Impact Statement to consider reasonable alternatives for the disposal of decommissioned, defueled USS Enterprise and NIMITZ class aircraft carrier reactor plants. DOE has been invited by the Navy to participate as a Cooperating Agency as the EIS will consider SRS as a potential destination for the large reactor vessels. The Navy will publish a Notice of Intent (NOI) in the Federal Register which will include a schedule for public scoping meetings. The date, time, and location of the SRS meeting are to be determined.</p>						

SRS EAs

Title, Document Number, Document Manager, point-of-contact (POC)	Mar-16	Apr-16	May-16	Jun-16	Milestones	
<p>EA for the Acceptance and Disposition of Used Nuclear Fuel Containing U.S.-Origin Highly Enriched Uranium from the Federal Republic of Germany DOE/EA-1977 SR POCs: Maxcine Maxted, Nuclear Material Programs Division Tracy Williams, EQMD EM POC: Edgard Espinosa, EM-22 GC POC: Carrie Abravanel, GC-54 (http://energy.gov/sites/prod/files/2014/06/f16/EA-1977-NOI-2014.pdf)</p>	Public Comment Period				<p>NOI 06/14 public meeting 06/14 NOA 01/16 DEA 01/16 Public Meeting 02/16 Public Comment 02-03/16</p>	<p>On January 25, 2016, DOE published a Notice of Availability (NOA) in the Federal Register for a Draft Environmental Assessment (EA) to analyze the potential environmental impacts from a proposed project to accept spent nuclear fuel from the Federal Republic of Germany at SRS for processing and disposition (Draft Spent Nuclear Fuel from Germany EA). This spent nuclear fuel is composed of kernels containing thorium and U.S.-origin highly enriched uranium embedded in small graphite spheres that were irradiated in nuclear reactors used for research and development purposes. DOE held a public meeting on February 4, 2016 at the North Augusta Community Center to accept public comments on the Draft Spent Nuclear Fuel from Germany EA. The public comment period commenced with the issuance of the NOA to remain open for 45 days. The comment period was originally scheduled to end on March 11, 2016 as noted in the January 25 NOA. DOE received several requests from the public to extend the public comment period. Upon evaluating those requests, DOE extended the public comment period 2 weeks through March 25, 2016.</p>
<p>EA for a Proposal to Permit 750 Acres and New Training Operations at the Savannah River Site for Use by the South Carolina National Guard (SCNG) DOE/EA-1999 SR POCs: John Christian, Mission Planning Division Tracy Williams, EQMD EM POC: Sunil Patel EM-13 GC POC: William Ostrum, GC-54</p>					NOI 09/14	<p>DOE has announced its intent to prepare an EA to analyze the potential environmental impacts from a proposal by SCNG to permit the use of 750 acres at SRS for military training exercises and permanent facilities to support training. This proposal, if implemented, would further the purposes of the Memorandum of Understanding between the U.S. Department of the Army and DOE concerning the Use of SRS Lands for Military Training Activities, signed in 2007. SCNG has requested permitting two tracts of land, one near B-Area and one west of L-Lake and north of South Carolina Route 125, to establish facilities for military training purposes. SCNG does not propose to conduct live-fire training or to use non-construction related tracked vehicles at SRS. The draft EA is undergoing internal review.</p>

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