



Department of Energy  
National Nuclear Security Administration  
Washington, DC 20585



February 2, 2011

MEMORANDUM FOR: SCOTT BLAKE HARRIS  
GENERAL COUNSEL

FROM: RANDAL S. SCOTT   
DEPUTY ASSOCIATE ADMINISTRATOR FOR  
INFRASTRUCTURE AND ENVIRONMENT

SUBJECT: Annual National Environmental Policy Act (NEPA)  
Planning Summary

Attached is the Annual NEPA Planning Summary input for NNSA Headquarters. It addresses the status of ongoing headquarters-managed NEPA Compliance Documents; Environmental Assessments (EA's) expected to be required in the next 12 months; and Environmental Impact Statements (EIS's) expected to be required in the next 24 months.

Please note that input for the Supplemental EIS for Plutonium Disposition at SRS (DOE/EIS - 0283-S2) is being submitted by the Savannah River Site (SRS) and the Office of Environmental Management (EM). This NEPA Document supports NNSA's Plutonium Disposition Capability Project proposed for implementation at the former K Reactor Facility.

If you have any questions, please contact Mary Martin, NNSA NEPA Compliance Officer at (202) 586-9438.

Attachment

cc:  
Carol Borgstrom, GC-54  
Lee Jessee, GC-54  
Ed LeDuc, GC-51  
Dave Jonas, NA-3.1  
Mary Martin, NNSA NCO





Department of Energy  
National Nuclear Security Administration  
Washington, DC 20585



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MEMORANDUM FOR DISTRIBUTION

FROM: DONALD L. COOK  
DEPUTY ADMINISTRATOR  
FOR DEFENSE PROGRAMS

SUBJECT: Supplemental Environmental Impact Statement (SEIS)  
Determination for Production of Tritium in a Commercial Light  
Water Reactor (CLWR) Tritium Readiness Supplemental  
Environmental Impact Statement (SEIS)

Pursuant to the National Environmental Policy Act (NEPA) of 1969, the National Nuclear Security Administration (NNSA) has decided to update the environmental analyses in the Department of Energy's (DOE's) 1999 EIS for Production of Tritium in a CLWR (DOE/EIS-0288) through the preparation of a SEIS.

The March 1999 CLWR EIS addresses tritium-producing burnable absorber rod (TPBAR) fabrication, the transportation of the TPBARs to reactor sites, the irradiation of TPBARs in reactors, and the transportation of irradiated TPBARs from reactors to the Tritium Extraction Facility (TEF) at the Savannah River Site (SRS). The SEIS will supplement the 1999 CLWR EIS and also may potentially supplement the analyses contained in the EIS for Construction and Operation of a tritium extraction facility at SRS (DOE/EIS-271). Mr. Curtis Chambellan, Tritium Readiness Sub-program Manager in the Office of Research and Development for National Security Science & Technology, will serve as the Document Manager for the SEIS.

The Council on Environmental Quality's implementing regulations for NEPA (40 CFR Part 1502.9[c] [1] and [2]) and DOE's NEPA implementing regulations (10 CFR 1021.314) require the preparation of a supplement to an EIS when there are substantial changes to a proposal, or when there are significant new circumstances or information relevant to environmental concerns. DOE also may prepare a SEIS at any time to further the purposes of NEPA. In this instance, the SEIS is needed to analyze the potential environmental impacts associated with increased tritium permeation levels observed since 2004, maximum number of TPBARs required to support the post Nuclear Posture Review production requirements, and proposed changes in the Tennessee Valley Authority (TVA) reactor facilities.



An assessment of tritium mitigation and management systems will be included in the SEIS as part of the environmental evaluation of the increased tritium source term. TVA will participate in the preparation of the SEIS update as a cooperating agency. The SEIS will likely be used by TVA in pursuing Nuclear Regulatory Commission license amendments to increase TPBAR irradiation with anticipated higher levels of tritium releases at all of the potential TVA reactor sites.

The process of preparing the SEIS will include opportunity for public participation via a public review and comment period for the draft SEIS. Public participation in the scoping process for this SEIS is not planned.

Please direct any questions regarding this determination to Mary E. Martin, NNSA NEPA Compliance Officer, at (202) 586-9438.

**DISTRIBUTION:**

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**JAN 14 2011**

MEMORANDUM FOR: SCOTT BLAKE HARRIS  
GENERAL COUNSEL

FROM: JEFFREY P. HARRELL   
ASSISTANT DEPUTY ADMINISTRATOR  
FOR SECURE TRANSPORTATION

SUBJECT: 2011 Annual Planning Summary for the NNSA Office of  
Secure Transportation

In response to your memorandum dated December 08, 2010, subject: Reminder Regarding Annual National Environmental Policy Act (NEPA) Planning Summaries, attached are the forms for the 2011 Annual NEPA Planning Summary. The information is provided for the NNSA Office of Secure Transportation (NA-15) in Albuquerque, New Mexico.

Real estate operated by the Office of Secure Transportation is scattered throughout the United States. Because of the varying environments, it is not practical to prepare a programmatic NEPA document and would not facilitate NEPA compliance efforts. For this reason, NEPA reviews are performed site specifically. The operations of the Office of Secure Transportation have been evaluated in programmatic documents (Stockpile Stewardship and Management, Pantex Site-Wide and Sandia Site-wide). Supplemental analyses have been prepared for those documents. Current operations remain bounded by the programmatic NEPA documents.

Please have your staff direct any questions regarding this summary to Jeff Robbins, NEPA Compliance Officer at (505) 845-4426.

**Attachments**

cc:  
D. Cook, NA-10  
C. Borgstrom, GC-54  
M. Martin, NA-56