### memorandum

Idaho Operations Office

Date: January 31, 2011

Subject: 2011 National Environmental Policy Act Planning Summary (OS-ETSD-11-001)

To: Scott Blake Harris, General Counsel

DOE-HQ, GC-1/FORS

In accordance with DOE Order 451.1B, the Department of Energy, Idaho Operations Office (DOE-ID) is submitting its 2011 National Environmental Policy Act (NEPA) Planning Summary. The 2011 NEPA Planning Summary will be made available to the public as required by the Order. Estimated NEPA document costs are provided for actions that are well enough defined from a planning and budget perspective.

If you have any questions concerning the attachment or the DOE-ID NEPA compliance program, please contact me or our NEPA Compliance Officer, Jack Depperschmidt, at (208) 526-5053.

Richard B. Provencher

Manager

#### Attachment

cc: C. M. Borgstrom, DOE-HQ, GC-54/FORS

B. M. Angle, BBWI, MS-3428

R. Ramsey, NR/IBO, MS-6001

J. E. Loving, DOE-HQ, EM-11

R. K. Sharma DOE-HQ, NE-43

W. T. Savkranz, ICP, MS-3921

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

		Idaho Opera			
		Jan-			
*Title, Location	#225,000.00	Estimated Schedule (*NEPA Milestones)		Description	
Idaho National Laboratory Stand-Off		Determination Date:	07/21/10	The proposed Range would enable INL experts to research and	
Experiment (SOX) Range		Transmittal to State:	12/22/10	develop detection systems for nuclear and non-nuclear materials of	
		EA Approval:	Feb-11	interest using high energy linear accelerators in support of U.S.	
		Decision:	Feb-11	national and homeland security missions. Those accelerators are used to produce high-energy x-rays which, when directed at a target object, result in the generation of signatures characteristic of the specific materials of interest. Generation and detection of these signatures at a distance from the target object would be the focus of work at the Stand-Off Experiment Range.	
Replacement Capability for Disposal of		Determination Date:	04/26/10	The proposed action would provide safe, compliant, and reliable	
Remote-Handled Low-Level Waste		Transmittal to State:		disposal of Idaho National Laboratory remote-handled low-level waste.	
Generated at the Department of Energy's Idaho Site	\$200,000.00	EA Approval:		waste.	
	Total Estimated Cost				
	\$425,000.00				

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

Idaho Operations Office

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*Title, Location Estimated Cost		Estimated Sch (*NEPA Milest	edule	Description
Wind Turbine Power Generation Complex, Idaho National Laboratory	\$150,000.00	Determination Date: Transmittal to State: EA Approval: Decision:	01/21/11	The proposed action consists of siting, constructing and operating a commercial wind turbine complex (up to 10 wind turbines) on the Idaho National Laboratory Site to generate renewable energy.
Resumption of the Transient Reactor Test Facility Operations	1	Determination Date: Transmittal to State: EA Approval:	FY11	The proposed action is to re-establish a capability for transient testing of newly developed nuclear fuels. Testing fuel behavior in a nuclear reactor core environment under extreme conditions is essential for guiding the development of, and validating computer models of fuel and core behavior.
Post-Irradiation Examination Capability	\$250,000.00	Decision: Determination Date: Transmittal to State: EA Approval:	FY11	The proposed action would consist of constructing new post- irradiation examination capability on the INL Site. The new facility capability would be used to examine material samples after they have
	\$250,000.00	Decision:		been irradiated in a nuclear reactor.
	Total Estimated Cost			
	\$650,000.00			

#### 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
lo environmental impact statements		Determination Date:	
re planned	_	NOI:	
		Scoping:	
		Draft:	
		Hearings:	
		Final:	
		ROD:	
		Supplement Analysis:	
	))	Determination Date:	
		Approval:	
		Supplement Analysis:	
		Determination Date:	
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	1=	Approval:	
	Total Estimated		
	Cost		
	\$0.00		

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

Jan-11					
*Title, Location	Estimated Cost	Estimated Schedule (*NEPA Milestones)	Description		
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	Determination Date:  NOI: Scoping: Draft: Hearings: Final: ROD:	A factual and regulatory determination will be made regarding the appropriateness of a supplement analysis for the 1995 EIS.		
	Total Estimated Cost \$50,000.00				