Department of Energy
Washington, DC 20585

February 22, 2006

MEMORANDUM

TO: John Spitaleri Shaw
Assistant Secretary, Office of Environment, Safety and Health

FROM: for Jeffrey D. Jarrett T. D. Shope
Assistant Secretary, Office of Fossil Energy

SUBJECT: Updated 2006 Annual NEPA Planning Summary

Attached is an updated 2006 Annual National Environmental Policy Act (NEPA) Planning Summary (APS) for the Office of Fossil Energy (FE), as required by DOE Order 451.1B, Section 5a.(7). This APS includes NEPA planning information for the Strategic Petroleum Reserve (SPR), National Energy Technology Laboratory (NETL), and Naval Petroleum Reserve No. 3 (NPR-3).

The attachments cover SPR and NETL activities only, as there are no NEPA environmental impact statements or environmental assessments ongoing or planned for NPR-3. If you have any questions regarding this matter, please feel free to contact Mark Matarrese, FE-HQ NEPA Compliance Officer, at (202) 586-0491.

Attachments

cc:
M. Matarrese, FE-7
L. Capitanio, FE-32
D. Johnson, FE-42
C. Borgstrom, EH-42

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

National Energy Technology Laboratory

2/16/2006

#	*Title, Location	Estimated Cost	Estimated Schedule		Description
EIS-0284	Low Emission Boiler System Proof-of-Concept Project; Elkhart, IL; Contractor Oak Ridge National Laboratory	$400,000	Determination Date:	9/3/96	NETL activities on EIS-0284 are "on-hold" awaiting resolution of financing issues related to this project.
			NOI:	12/13/96	
			Scoping:	1/16/97	
			Draft	3/5/04	
			Hearings	3/30/04	
			Final	TBD	
			ROD	TBD	
EIS-0357	Gilberton Coal-to-Clean Fuels and Power Project; Gilberton, PA; Contractor: Oak Ridge National Laboratory	$800,000	Determination Date:	3/5/03	Public comment period for Draft EIS-0357 is underway.
			NOI:	4/10/03	
			Scoping:	5/5/03	
			Draft	12/9/05	
			Hearings	1/10/06	
			Final	May-06	
			ROD	Jun-06	
EIS-0361	Western Greenbrier Co-Production Demonstration Project; Greenbrier County, WV; Contractor: Potomac-Hudson Engineering	$746,600	Determination Date:	5/12/03	Fieldwork was conducted during summer 2004 and 2005 for preparing the Draft EIS-0361. Off-site coal beneficiation is being considered at an alternate location. Project changes are being considered (building new transmission line).
			NOI:	6/3/03	
			Scoping:	7/3/03	
			Draft	Jun-06	
			Hearings	Jul-06	
			Final	Oct-06	
			ROD	Nov-06	
EIS-0383	Orlando Gasification Project; Orlando, FL; Contractor: Oak Ridge National Laboratory	$625,000	Determination Date:	5/24/05	Draft EIS-0383 is being prepared
			NOI:	8/11/05	
			Scoping:	9/16/05	
			Draft	Jun-06	
			Hearings	Jul-06	
			Final	Nov-06	
			ROD	Dec-06	
EIS-0382	Mesaba Energy Project; Taconite/Hoyt Lakes, MN; Contractor: Potomac-Hudson Engineering	$599,690	Determination Date:	6/6/05	Industrial Participant (Excelsior) is developing environmental information volume. EIS-0382.
			NOI:	10/5/05	
			Scoping:	11/14/05	
			Draft	Sep-06	
			Hearings	Sep-06	
			Final	Jan-07	
			ROD	Mar-07	
EIS-0366	Programmatic Environmental Impact Statement for Implementing the Office of Fossil Energy's Carbon Sequestration Program; Contractor: Potomac-Hudson Engineering	$858,000	Determination Date:	10/31/03	EPA is reviewing and commenting on the Draft EIS-0366 data.
			NOI:	4/21/04	
			Scoping:	6/25/04	
			Draft	TBD	
			Hearings	TBD	
			Final	TBD	
			ROD	TBD	
Total EIS		**Total Estimated Cost**			
6		$4,029,290			

*Please include projected NEPA milestones, if planned

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

National Energy Technology Laboratory

2/16/2006

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
Implementation of FutureGen Project; Location: TBD; Contractor: TBD		Determination Date:	Feb-06	Discussions are underway with the recently formed FutureGen Industrial Alliance regarding the site selection solicitation. Once that process is finalized, more definitive schedules and milestones will be established.
		NOI:	Jul-06	
		Scoping:	Aug-06	
		Draft	TBD	
		Hearings	TBD	
		Final	TBD	
	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		
	$0.00			

*Please include projected NEPA milestones, if planned

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

National Energy Technology Laboratory

2/16/2006

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
LNG from Coal Mine Methane for Industrial and Transportation Applications; Federal Number 2 Mine Parrish Shaft Site; Monongalia County, WV; Contractor: RDS,LLC (EA-1546)	$34,000	Determination Date:	6/24/05	Formerly, *Thermoacoustic Liquefaction of Coal Mine Waste Methane to Produce LNG; Monongalia County, WV*. Draft EA-1546 was completed in November and made available for public review and comment in December.
		Transmittal to State:	12/30/05	
		EA Approval:	Mar-06	
		FONSI:	Apr-06	
Peabody Energy Airborne Process Commercial-Scale Demonstration Program (Mustang Energy Flue Gas Cleanup); Grants, New Mexico; Contractor: Oak Ridge National Laboratory (EA-1536)	$175,000	Determination Date:	6/3/05	Industrial Participant is waiting for State response on need for an air permit. Contract is still being negotiated and all schedules are uncertain.
		Transmittal to State:	TBD	
		EA Approval:	TBD	
		FONSI:	TBD	
		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			
	$209,000			

*Please include projected NEPA milestones, if planned

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

National Energy Technology Laboratory

2/16/2006

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
No EAs planned at this date.		Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
		Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
		Determination Date:		
		Transmittal to State:		
		EA Approval:		
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		Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
		Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
	Total Estimated Cost			
	$0.00			

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

Office of Fossil Energy, Deputy Assistant Secretary for Petroleum Reserves, FE-40

2/16/2006

*Title, Location	Estimated Cost	Estimated Schedule		Description
Site Selection for the Expansion of the Strategic Petroleum Reserve; Gulf Coast, U.S.; DOE/EIS-0385		Determination Date:	Jul-05	DOE/EIS-0385. The Energy Policy Act of 2005 (EPACT) directs the Secretary of Energy to select sites necessary to expand the Strategic Petroleum Reserve (SPR) from its current 727 million-barrel capacity to 1 billion barrels. The EIS will assess proposed capacity expansion at three of the four existing SPR storage sites, and the development of a new storage site in the Gulf Coast region.
		NOI:	9/1/05	
		Scoping:	12/19/05	
		Draft	3/31/06	
		Hearings	4/24/06	
		Final	7/28/06	
	$2,600,000	ROD	9/29/06	
	Total Estimated Cost			
	$2,600,000			

*Please include projected NEPA milestones, if planned

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

Strategic Petroleum Reserve Project Management Office

2/16/2006

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
No Expected EISs		Determination Date:		
		NOI:		
		Scoping:		
		Draft		
		Hearings		
		Final		
		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		
		Supplement Analysis:		
		Determination Date:		
		Approval:		
		Supplement 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

Strategic Petroleum Reserve Project Management Office

2/16/2006

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
Installation of 48-inch Raw Water Intake Pipeline at SPR West Hackberry Site; DOE/EA-1497	$158,000	Determination Date:	3/11/04	DOE/EA-1497 and the Mitigation Action Plan (MAP) were completed on 8/31/04 for the Installation of 48-inch Raw Water Intake Pipeline at SPR West Hackberry Site. Total estimated cost is based on NEPA Support Contractor, M&O Contractor, and Federal staff participation costs. There have been no activities performed on this project that would require implementation of the MAP at this time. Construction has not begun as of the date of this report.
		Transmittal to State:	7/9/04	
		EA Approval:	8/31/04	
		FONSI:	9/3/04	
Modifications to the Raw Water Intake Structure at the SPR West Hackberry Site; DOE/SPR/EA-1523	$56,500	Determination Date:	1/27/05	DOE/SPR/EA-1523 was completed on 11/10/05 for site modifications at the Raw Water Intake Structure at the SPR West Hackberry Site. Total estimated cost is based on the M&O contractor and Federal staff participation.
		Transmittal to State:	7/12/05	
		EA Approval:	11/10/05	
		FONSI:	11/10/05	
		Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
		Determination Date:		
		Transmittal to State:		
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		EA Approval:		
		FONSI:		
		Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
	Total Estimated Cost			
	$214,500			

*Please include projected NEPA milestones, if planned

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

Strategic Petroleum Reserve Project Management Office

2/16/2006

*Title, Location	Estimated Cost	Estimated Schedule (**NEPA Milestones)		Description
No Expected EAs		Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
		Transmittal to State:		
		EA Approval:		
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		FONSI:		
		Determination Date:		
		Transmittal to State:		
		EA Approval:		
		FONSI:		
	Total Estimated Cost			
	$0.00			

* Please include projected NEPA milestones, if planned.