



Department of Energy
Washington, DC 20585

February 5, 2014

MEMORANDUM

TO: Anne Harkavy
Acting General Counsel

FROM: Christopher A. Smith 
Principal Deputy Assistant Secretary For Fossil Energy

SUBJECT: National Environmental Policy Act (NEPA) Annual Planning Summary for 2014

ISSUE: DOE Order 451.1B, Section 4.d, requires that an annual planning summary be prepared that briefly describes: (1) any Environmental Assessments (EAs) ongoing or expected to be prepared in the next 12 months; (2) any Environmental Impact Statements (EISs) ongoing or expected to be prepared in the next 24 months; and (3) any Mitigation Action Plan activities.

Attached is the NEPA Annual Planning Summary for 2014 for the Office of Fossil Energy (FE). This summary includes information for the Strategic Petroleum Reserve (SPR), National Energy Technology Laboratory (NETL), and Rocky Mountain Oilfield Testing Center (RMOTC).

If you have any questions regarding this matter, please feel free to contact Mark J. Matarrese, Director, Office of Environment, Security, Safety and Health, FE-7, at (202) 586-0491.

ATTACHMENT:
NEPA Annual Planning Summary

cc:
M. Matarrese, FE-7
C. Borgstrom, GC-54



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

National Energy Technology Laboratory (NETL) 1/31/2014				
Title, Location, Document Number	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description (including indications of cancelled documents)
Hydrogen Energy California Integrated Gasification Combined Cycle and Carbon Capture and Sequestration Project, Kern County, California, DOE/EIS-0431	Third Party, Cost shared with DOE	EIS Determination Date: NOI: Scoping: Draft Hearings Final ROD	8/5/2009 4/6/2010; 6/19/2012 4/14/2010; 7/12/2012 7/19/2013 11/13/2013 TBD TBD	ARRA: DE-FOA-0000042 - Clean Coal Power Initiative (Round Three)
FutureGen 2.0 Program, Morgan County, Illinois, DOE/EIS-0460	\$2,800,000	EIS Determination Date: NOI: Scoping: Draft Hearings Final ROD	11/9/2010 5/23/2011 6/7/2011-6/9/2011 5/3/2013 5/21/2013 11/1/2013 1/13/14	ARRA: DE-FOA-0005054 - FutureGen 2.0
Lake Charles Carbon Capture and Storage (CCS) Project, Calcasieu Parish, Louisiana DOE/EIS-0464	Third Party, Cost shared with DOE	EIS Determination Date: NOI: Scoping: Draft Hearings Final ROD	12/21/2010 4/29/2011 5/16/2011-5/17/2011 5/10/2013 6/4/2013-6/5/2013 11/22/2013 12/28/2013	ARRA: DE-FOA-0000015 - Carbon Capture and Sequestration from Industrial Sources and Innovative Concepts for Beneficial CO2 Use (Area One).
W.A. Parish Post-Combustion CO2 Capture and Sequestration Project (PCCS) Fort Bend County, Texas DOE/EIS-0473	Third Party, Cost shared with DOE	EIS Determination Date: NOI: Scoping: Draft Hearings Final ROD	7/6/2011 11/14/2011 11/30/2011-12/1/2011 9/21/2012 10/10/2012-10/11/2012 3/8/2013 5/8/2013	ARRA: DE-FOA-0000042 - Clean Coal Power Initiative (Round Three)
Texas Clean Energy Project (TCEP) Odessa, Ector County, Texas DOE/EIS-0444	150,000	Supplement Analysis: SA Determination Date: Approval:	in preparation TBD TBD	ARRA: DE-FOA-0000042 - Clean Coal Power Initiative (Round Three). The Supplement Analysis currently in preparation will further address new information on the disposal of brine and new options for supply of process water to the plant.
	Total Estimated Cost \$2,950,000			

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

<i>Strategic Petroleum Reserve Project Management Office</i>				
<i>17-Dec-13</i>				
Title, Location, Document Number	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description <i>(including indications of cancelled documents)</i>
NONE		EIS Determination Date: NOI: Scoping: Draft Hearings Final ROD		
		EIS Determination Date: NOI: Scoping: Draft Hearings Final ROD		
		EIS Determination Date: NOI: Scoping: Draft Hearings Final ROD		
Supplement Analysis of Site-Specific and Programmatic Environmental Impact Statements, Strategic Petroleum Reserve	\$17,000	Supplement Analysis: SA Determination Date: Approval:	9/30/2014	5 year Supplement Analysis as required by 10 CFR Part 1021 Section 330 Paragraph (d). It will be prepared during FY 2014.
		Supplement Analysis: SA Determination Date: Approval:		
	Total Estimated Cost \$17,000			

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

US DOE / Rocky Mountain oilfield Testing Center (RMOTC) / Naval Petroleum Reserve #3 (NPR-3) 1/16/2014				
Title, Location, Document Number	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description (including indications of cancelled documents)
No planned Environmental Impact Statements.		EIS Determination Date: NOI: Scoping: Draft Hearings Final ROD		
		EIS Determination Date: NOI: Scoping: Draft Hearings Final ROD		
		EIS Determination Date: 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:		
	Total Estimated Cost \$0			

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

National Energy Technology Laboratory (NETL)				
1/31/2014				
Title, Location, Document Number	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description (including indications of cancelled documents)
Small-Scale Pilot Plant for the Gasification of Coal and Coal-Biomass Blends and Conversion of Derived Syngas to Liquid Fuels via Fischer-Tropsch Synthesis, Lexington, Kentucky, DOE/EA-1642S	Third Party, Cost shared with DOE	EA Determination Date: Transmittal to State: EA Approval: FONSI:	11/24/2008 TBD TBD TBD	<u>Fossil Energy</u> : DOE/EA-1642 analyzed Phases 1-3 of this project. The Supplemental Environmental Assessment will analyze Phases 4-8.
Supplement Analysis for Johnson Controls, Inc. Electric Drive Vehicle Battery and Component Manufacturing Initiative, Holland, Michigan; Lebanon, Oregon; Milwaukee, Wisconsin, DOE/EA-1721	Converted to a Categorical Exclusion	EA Determination Date: Transmittal to State: EA Approval: FONSI:	TBD TBD TBD TBD	Initial EA completed March 2010. A Supplement Analysis was begun for the Holland, Michigan location only, due to a change in the proposed project. However, the air permitting issue was eventually resolved through the State of Michigan Department of Environmental Quality, Air Quality Division, and a CX was issued on 7/3/2013.
Smart Grid, Pacific Gas and Electric Company (PG&E) Compressed Air Energy Storage (CAES) Compression Testing Phase Project, San Joaquin County, California, DOE/EA-1752	Third Party, Cost shared with DOE	EA Determination Date: Transmittal to State: EA Approval: FONSI:	3/2/2010 TBD TBD TBD	<u>ARRA</u> : DE-FOA-0000036 - Smart Grid Demonstrations.
Emera CNG, LLC Natural Gas Act Section 3 Authorization, Port of Palm Beach, Florida, DOE/EA-xxxx (TBD)	Third Party, not cost shared with DOE	EA Determination Date: Transmittal to State: EA Approval: FONSI:	TBD TBD TBD TBD	<u>Non-ARRA</u> : Natural Gas Act Section 3 Authorization request by Emera.
	Total Estimated Cost \$0			

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

Strategic Petroleum Reserve Project Management Office				
17-Dec-13				
Title, Location, Document Number	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description (including indications of cancelled documents)
NONE		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:		
		EA Determination Date:		
		Transmittal to State: EA Approval: FONSI:		
		EA Determination Date:		
		Transmittal to State: EA Approval: FONSI:		
	Total Estimated Cost			
	\$0			

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

US DOE / Rocky Mountain oilfield Testing Center (RMOTC) / Naval Petroleum Reserve #3 (NPR-3)				
1/22/2014				
Title, Location, Document Number	Estimated Cost	Estimated Schedule (NEPA Milestones)		Description (including indications of cancelled documents)
"Site-Wide Environmental Assessment for the Divestiture of the Rocky Mountain Oilfield Testing Center and Naval Petroleum Reserve No. 3". Casper, Wyoming. # DOE / EA-1956.	\$81,190	EA Determination Date: Transmittal to State: EA Approval: FONSI:	11/13/12 2/15/13 4/16/14 5/16/14	RMOTC plans to conduct a SWEA in preparation for the disposition of the Naval Petroleum Reserve #3. RMOTC's SWEA scoping letter was distributed 2/15/13.
		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:		
		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:		
	Total Estimated Cost \$81,190			

Mitigation Action Plan (MAP) Tracking

<i>National Energy Technology Laboratory (NETL)</i> 1/31/2014		
NEPA Document Title, Location, Document Number	Key Dates in MAP Implementation	Discussion of Mitigation Commitments and Implementation Status
Kemper County IGCC Project, Kemper County, MI DOE/EIS-0409	ROD/FONSI date: 8/19/2010 MAP date: Sept. 2010 Mitigation report 1: 12/31/2011 Mitigation report 2: Est. 3/31/2012 Mitigation report 3: Est. 6/30/2012 Mitigation report 4: Est. 9/30/2012 Mitigation report 5: Est. 12/31/2012	Quarterly Mitigation reports are being submitted and will be submitted in 2014
Lake Charles Carbon Capture and Storage (CCS) Project, Calcasieu Parish, Louisiana DOE/EIS-0464	ROD/FONSI date: 12/28/2013 MAP date: Mitigation report 1: Mitigation report 2: Mitigation report 3: Mitigation report 4: Mitigation report 5:	MAP is under development.
W.A. Parish Post-Combustion CO2 Capture and Sequestration Project (PCCS), Fort Bend County, Texas DOE/EIS-0473	ROD/FONSI date: 5/8/2013 MAP date: June 2013 Mitigation report 1: Mitigation report 2: Mitigation report 3: Mitigation report 4: Mitigation report 5:	MAP is completed. Project is awaiting financing.

Mitigation Action Plan (MAP) Tracking

Strategic Petroleum Reserve Project Management Office 17-Dec-13		
NEPA Document Title, Location, Document Number	Key Dates in MAP Implementation	Discussion of Mitigation Commitments and Implementation Status
NONE	ROD/FONSI date: MAP date: Mitigation report 1: 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:	
	ROD/FONSI date: MAP date: Mitigation report 1: Mitigation report 2: Mitigation report 3: Mitigation report 4: Mitigation report 5:	

Mitigation Action Plan (MAP) Tracking

US DOE / Rocky Mountain oilfield Testing Center (RMOTC) / Naval Petroleum Reserve #3 (NPR-3) 1/16/2014		
NEPA Document Title, Location, Document Number	Key Dates in MAP Implementation	Discussion of Mitigation Commitments and Implementation Status
Nothing planned at this time.	ROD/FONSI date: MAP date: Mitigation report 1: 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:	
	ROD/FONSI date: MAP date: Mitigation report 1: Mitigation report 2: Mitigation report 3: Mitigation report 4: Mitigation report 5:	