



Environmental Review Form for Argonne National Laboratory

Form:	ANL-985
Version:	3
Your Form ID:	ANL-985-628
Form Status:	Approved
Date:	12/8/2015 2:08:11 PM
Created By:	Perez, Adan

Creator

Badge:	231001	Name:	Perez, Adan
Cost Center:	208	Division:	FMS
Job Title:	Consultant	Employee Type:	Non-Regular Full-Time Non-Exempt
Building:	214	Lab Extension:	2-1341

General Information

Project/Activity Title:	200 Area Electrical Substation Expansion Facility 551 - Water Main Relocation		
ASO NEPA Tracking No.:	2306	Type of Funding:	
B & R Code:		Identifying Number:	01603
SPP Proposal Number:		CRADA Proposal Number:	
Work Project Number:	03994-14-208	ANL Accounting Number:	(Item 3a in Field Work Proposal)
Other (explain):			
NEPA Owner:	Philip B. Matton		

Cost Code

Task: 0399414 Center: 208 Project: Activity:

Description of Proposed Action

This action will include constructing relocated chilled water mains and domestic water main, isolating and abandoning remaining existing water mains, Restoring existing conditions.

Description of Affected Environment

The work will take place outside just West of the existing Facility 551.

Potential Environmental Effects

- Attach explanation for each "yes" response near bottom of form.
- **See Instructions for Completing Environmental Review Form.**

Section A (Complete For All Projects)		Yes	No	Explanation
1.	Project evaluated for Pollution Prevention and Waste Minimization opportunities and details provided under items 2, 4, 6, 7, 8, 16, and 20 below, as applicable	<input checked="" type="radio"/>	<input type="radio"/>	Measures to reduce waste and pollution will be evaluated as an ongoing process throughout construction.
2.	Air Pollutant Emissions	<input type="radio"/>	<input checked="" type="radio"/>	
3.	Noise	<input checked="" type="radio"/>	<input type="radio"/>	Typical noise associated with equipment used to install underground pipes and valves. There will also be noise during the cutting of the existing DIP pipes.
4.	Chemical/Oil Storage/Use	<input type="radio"/>	<input checked="" type="radio"/>	
5.	Pesticide Use	<input type="radio"/>	<input checked="" type="radio"/>	
Toxic Substances Control Act (TSCA)				

6.	Substances			
6a.	Polychlorinated Biphenyls (PCBs)	<input type="radio"/>	<input checked="" type="radio"/>	
6b.	Asbestos or Asbestos Containing Materials	<input type="radio"/>	<input checked="" type="radio"/>	
6c.	Other TSCA Regulated Substances	<input type="radio"/>	<input checked="" type="radio"/>	
6d.	Import or Export of Chemical Substances	<input type="radio"/>	<input checked="" type="radio"/>	
7.	Biohazards	<input type="radio"/>	<input checked="" type="radio"/>	
8.	Effluent/Wastewater (If yes, see question #12 and contact Peter Lynch (FMS-SEP) at 2-4582 or lynch@anl.gov)	<input type="radio"/>	<input checked="" type="radio"/>	
9.	Waste Management			
9a.	Construction or Demolition Waste	<input type="radio"/>	<input checked="" type="radio"/>	
9b.	Hazardous Waste	<input type="radio"/>	<input checked="" type="radio"/>	
9c.	Radioactive Mixed Waste	<input type="radio"/>	<input checked="" type="radio"/>	
9d.	Radioactive Waste	<input type="radio"/>	<input checked="" type="radio"/>	
9e.	PCB or Asbestos Waste	<input type="radio"/>	<input checked="" type="radio"/>	
9f.	Biological Waste	<input type="radio"/>	<input checked="" type="radio"/>	
9g.	No Path to Disposal Waste	<input type="radio"/>	<input checked="" type="radio"/>	
9h.	Nano-material Waste	<input type="radio"/>	<input checked="" type="radio"/>	
10.	Radiation	<input type="radio"/>	<input checked="" type="radio"/>	
11.	Threatened Violation of ES&H Regulations or Permit Requirement	<input type="radio"/>	<input checked="" type="radio"/>	
12.	New or Modified Federal or State Permits	<input type="radio"/>	<input checked="" type="radio"/>	
13.	Siting, Construction, or Major Modification of Facility to Recover, Treat, Store, or Dispose of Waste	<input type="radio"/>	<input checked="" type="radio"/>	
14.	Public Controversy	<input type="radio"/>	<input checked="" type="radio"/>	
15.	Historic Structures and Objects	<input type="radio"/>	<input checked="" type="radio"/>	
16.	Disturbance of Pre-existing Contamination	<input type="radio"/>	<input checked="" type="radio"/>	
17.	Energy Efficiency, Resource Conserving, and Sustainable Design Features	<input type="radio"/>	<input checked="" type="radio"/>	
Section B (For Projects that Occur Outdoors)		Yes	No	
18.	Threatened or Endangered Species, Critical Habitats, and/or other Protected Species	<input type="radio"/>	<input checked="" type="radio"/>	
19.	Wetlands	<input checked="" type="radio"/>	<input type="radio"/>	There is a wetland near the existing Facility 551. This wetland is far enough from our proposed working space. However, all the requirements will be evaluated. The project discharge area will be clearly identified and protected during construction.
20.	Floodplain	<input type="radio"/>	<input checked="" type="radio"/>	
21.	Landscaping	<input type="radio"/>	<input checked="" type="radio"/>	
22.	Navigable Air Space	<input type="radio"/>	<input checked="" type="radio"/>	
23.	Clearing or Excavation	<input checked="" type="radio"/>	<input type="radio"/>	Excavation will be required to relocate the chilled water lines & the domestic water line. During this excavation as many as five (5) Honey Locust trees will need to be removed/cleared.
24.	Archaeological Resources	<input type="radio"/>	<input checked="" type="radio"/>	
25.	Underground Injection	<input type="radio"/>	<input checked="" type="radio"/>	
26.	Underground Storage Tanks	<input type="radio"/>	<input checked="" type="radio"/>	
27.	Public Utilities or Services	<input checked="" type="radio"/>	<input type="radio"/>	The domestic water will need a temporary shutdown for the new connection. No shutdown is anticipated for the chilled water lines.
28.	Depletion of a Non-Renewable Resource	<input type="radio"/>	<input checked="" type="radio"/>	
Section C (For Projects Outside of ANL)		Yes	No	
29.	Prime, Unique, or Locally Important Farmland	<input type="radio"/>	<input type="radio"/>	

30.	Special Sources of Groundwater (such as sole source aquifer)	<input type="radio"/>	<input type="radio"/>	
31.	Coastal Zones	<input type="radio"/>	<input type="radio"/>	
32.	Areas with Special National Designations (such as National Forests, Parks, or Trails)	<input type="radio"/>	<input type="radio"/>	
33.	Action of a State Agency in a State with NEPA-type Law	<input type="radio"/>	<input type="radio"/>	
34.	Class I Air Quality Control Region	<input type="radio"/>	<input type="radio"/>	

Categorical Exclusion

ANL NEPA Reviewer Use Only

- My approval is the final approval necessary
 This form requires additional approval from DOE

Attachments

- File Description:** Previously approved NEPA [View Attachment](#)
File Description: Issue for Bid Drawing [View Attachment](#)
File Description: Issue for Bid Specifications [View Attachment](#)
File Description: Cover Memo to J. Livengood from P. Kearns [View Attachment](#)
File Description: empty [View Attachment](#)

Comments

***Please see "Cover Memo to J. Livengood from P. Kearns" attachment. We have attached the previously approved NEPA for this project. Updates were made to #23 - "Clearing and Excavation" to account for the trees in the area that need to be removed and to #27 - "Public Utilities or Services" as the chilled water lines will no longer require a shut down, however, the domestic water line will. The shut down will be coordinated with those affected. Approved under CX B 4.11 Electric power substations and interconnection facilities

Add Approver

Approver Name	Approver Badge	Reason	Delete

Notifications

The approval notification email will be copied to the people listed below.

Badge	Name	Division	Delete
40236	Uppal, Jug M.	FMS	
225871	Yassan, Rebecca M.	FMS	

Approval

Approver	Action	Date Routed	Action Date	Approval Reason / Comments	Approval Type
Perez, Adan	APPROVED	2015-12-08	2015-12-08 14:49:10.0	Creator :	PRIMARY
Perez, Adan	APPROVED	2015-12-08	2015-12-08 14:49:10.0	Allows access to the form :	PRIMARY
Perez, Adan	APPROVED	2015-12-08	2015-12-08 14:49:10.0	Project Manager :	PRIMARY

Matton, Philip B.	APPROVED	2015-12-08	2015-12-08 15:01:49.0	NEPA Owner :	PRIMARY
Stauber, Joel V.	APPROVED	2015-12-08	2015-12-08 15:29:33.0	ANL NEPA Reviewer : Please see "Cover Memo to J. Livengood from P. Kearns attachment.	PRIMARY
Hellman, Karen B.	APPROVED	2015-12-08	2015-12-08 17:28:19.0	Added: :	PRIMARY
Siebach, Peter R.	APPROVED	2015-12-08	2015-12-08 17:55:38.0	Added: :	PRIMARY
Stine, Gail Y.	APPROVED	2015-12-08	2015-12-09 10:37:36.0	Added: :	PRIMARY
Kearns, Paul K.	APPROVED	2015-12-09	2015-12-09 13:20:09.0	Added: :	PRIMARY
Joshi, Kaushik N.	APPROVED	2015-12-09	2015-12-09 15:41:55.0	Added: : Approved under CX B 4.11 Electric power substations and interconnection facilities. ASO-CX-321	PRIMARY
Siebach, Peter R.	APPROVED	2015-12-08	2015-12-08 17:55:38.0	Added: :	PRIMARY
