



**Environmental Review Form for Argonne
National Laboratory**

Form:	ANL-985
Version:	4
Your Form ID:	ANL-985-791
Form Status:	Approved
Date:	11/14/2016 2:06:45 PM
Created By:	Reiser, Jeffrey S.

Creator

Badge:	207949	Name:	Reiser, Jeffrey S.
Cost Center:	208	Division:	FMS
Job Title:	Project Manager	Employee Type:	Regular Full-Time Exempt
Building:	222	Lab Extension:	2-1124

General Information

Project/Activity Title: ALCF-3 Upgrade/TCS Facility Enhancements - OSF
 ASO NEPA Tracking No.: 2509 Type of Funding: Programmatic
 B & R Code: Identifying Number: 01629
 SPP Proposal Number: CRADA Proposal Number:
 Work Project Number: ANL Accounting Number: (Item 3a in Field Work Proposal)
 Other (explain):
 List appropriate NEPA Owners:
 Division: FMS NEPA Owner:

Cost Code

Task: 51033-01 Center: 147 Project: ALCF-3 Activity: 1.02.01

Description of Proposed Action

The ALCF -3 project is progressing forward with a design for a power/cooling infrastructure upgrade to the TCS building which includes siting mechanical and electrical equipment into an Other Support Facility (OSF) sited on the TCS property adjacent to the existing building. The OSF will be an approximately 19,000 sf facility that will house electrical equipment (switchgear, substations and conductors) and mechanical equipment (heat exchangers, pumps and chilled water piping) with shallow footing and slab on grade. There will be approximately 300 feet of trench for two 24inch diameter pipes running towards the chilled water plant. Installation of a manhole with 2 duct banks each having 6 sets of 5inch conduits running to the building. And relocation of cooling tower and standby generators adjacent to OSF.

Description of Affected Environment

Typical construction activities will disturb the area in and vicinity including pavement removal, structural construction, and trenching through landscaped/turf area.

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 type="radio"/>	<input checked="" type="radio"/>	
2.	Air Pollutant Emissions	<input type="radio"/>	<input checked="" type="radio"/>	
3.	Noise	<input type="radio"/>	<input checked="" type="radio"/>	
4.	Chemical/Oil Storage/Use	<input type="radio"/>	<input checked="" type="radio"/>	
5.	Pesticide Use	<input type="radio"/>	<input checked="" type="radio"/>	

6.	Toxic Substances Control Act (TSCA) 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 checked="" type="radio"/>	<input type="radio"/>	Typical best practices will be employed by building owner
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.	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 type="radio"/>	<input checked="" type="radio"/>	
20.	Floodplain	<input type="radio"/>	<input checked="" type="radio"/>	
21.	Landscaping	<input checked="" type="radio"/>	<input type="radio"/>	Landscape screening of OSF and restoration after construction
22.	Navigable Air Space	<input type="radio"/>	<input checked="" type="radio"/>	
23.	Clearing or Excavation	<input checked="" type="radio"/>	<input type="radio"/>	Minor pavement removal to construct concrete pads. trenching with soil backfill.
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 type="radio"/>	<input checked="" type="radio"/>	
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

Other (Use field below to enter other categorical exclusion)

A project-specific CX is required.

ANL NEPA Reviewer Use Only

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

To be Completed by DOE/ASO

Section D	Yes	No
Are there any extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal?	<input type="radio"/>	<input checked="" type="radio"/>
Is the project connected to other actions with potentially significant impacts or related to other proposed action with cumulatively significant impacts?	<input type="radio"/>	<input checked="" type="radio"/>
If yes, is a categorical exclusion determination precluded by 40 CFR 1506.1 or 10 CFR 1021.211?	<input type="radio"/>	<input type="radio"/>
Can the project or activity be categorically excluded from preparation of an Environment Assessment or Environmental Impact Statement under Subpart D of the DOE NEPA Regulations?	<input checked="" type="radio"/>	<input type="radio"/>
If yes, indicate the class or classes of action from Appendix A or B of Subpart D under which the project may be excluded: Appendix B of Subpart D to Part 1021 of 10 CFR. Category B1.31 Installation or relocation of machinery and equipment Category B1.15 Support buildings		
If no, indicate the NEPA recommendation and class(es) of action from Appendix C or D to Subpart D to Part 1021 of 10 CFR.		

Attachments

File Description: Key Plan [View Attachment](#)

Comments

Approval tracked under ASO-CX-336, ALCF-3 Upgrade/TCS Facility Enhancements-Other Support Facility (OSF)

Add Approver

Approver Name	Approver Badge	Reason	Delete
Coghlan, Susan M.	54852	Project Director	<input type="checkbox"/>

Notifications

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

Badge	Name	Division	Delete
207949	Reiser, Jeffrey S.	FMS	<input type="checkbox"/>
53199	Rodi, Diane J.	CLS	<input type="checkbox"/>

ASO-CX Number

ASO-CX- 336

Comments:

Project-specific categorical exclusion.

Approval

Approval

<u>Approver</u>	<u>Action</u>	<u>Date Routed</u>	<u>Action Date</u>	<u>Approval Reason / Comments</u>	<u>Type</u>
Reiser, Jeffrey S.	APPROVED	2016-12-01	2016-12-01 17:00:32.0	Creator :	PRIMARY
Reiser, Jeffrey S.	APPROVED	2016-12-01	2016-12-01 17:00:32.0	Allows access to the form :	PRIMARY
Reiser, Jeffrey S.	APPROVED	2016-12-01	2016-12-01 17:00:32.0	Allows access to the form :	PRIMARY
Reiser, Jeffrey S.	APPROVED	2016-12-01	2016-12-01 17:00:32.0	Project Manager :	PRIMARY
Coghlan, Susan M.	APPROVED	2016-12-01	2016-12-02 11:42:50.0	Project Director :	PRIMARY
Matton, Philip B.	APPROVED	2016-12-02	2016-12-02 11:45:45.0	NEPA Owner Approval for Argonne Environmental Review :	PRIMARY
Ptak, Jill S.	APPROVED	2016-12-02	2016-12-06 17:07:59.0	ANL NEPA Reviewer :	PRIMARY
Hellman, Karen B.	APPROVED	2016-12-06	2016-12-07 16:45:39.0	ANL-985 Review and Approval :	PRIMARY
Stine, Gail Y.	APPROVED	2016-12-07	2016-12-08 15:08:25.0	ANL-985 Review and Approval :	PRIMARY
Kearns, Paul K.	APPROVED	2016-12-08	2016-12-09 16:39:09.0	ANL-985 ANL COO Review and Approval :	PRIMARY
Joshi, Kaushik N.	APPROVED	2016-12-09	2016-12-14 15:39:49.0	ANL-985 DOE-ASO Review and Approval : ASO-CX-336	PRIMARY
Siebach, Peter R.	APPROVED	2016-12-14	2016-12-14 16:11:21.0	ANL-985 DOE NEPA Compliance Officer Review and Approval :	PRIMARY
