Environmental Review Form for Argonne National Laboratory

Form:	ANL-985
Version:	5
Your Form ID:	ANL-985-1560
Form Status:	Approved
Date:	11/17/2020 6:00:35 PM
Created By:	Pierce, Linda M.

Creator

Badge:	**40750**	Name:	**Pierce, Linda M.**
Cost Center:	**254**	Division:	**WSH**
Job Title:	**QA Analyst / Environmental Engr**	Employee Type:	**Regular Full-Time Exempt**
Building:	**362**	Lab Extension:	**2-3857**

General Information

Project/Activity Title: Radiological Assistance Program facility relocation

ASO NEPA Tracking No.: Type of Funding:

B & R Code: CT84 Identifying Number: SSS-ERF-RAP-001

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: SSS NEPA Owner:

Financial Plans

To select a Financial Plan, click the magnifying glass icon to open a search window.

Cost Center: **154** Project: **PRJ1000912 RAP Program** Phase: **PH01 General** Task: **PT4579: RAP Facilities**

Description of Proposed Action

National Nuclear Security Administration (NNSA) is the premier technical leader in responding to and successfully resolving nuclear and radiological threats worldwide. World-class technical teams train to counter acts of nuclear terrorism, and are prepared to search for radioactive material, support the rendering safe of threat devices, and help manage the consequences of a release of radioactive material into the environment. Each of NNSA's response teams provides specialized expertise in each of the following mission areas: * Search/Surge: Detecting nuclear or radiological materials during a particular event, * Render Safe: Disabling a potentially yield-producing nuclear device by gaining access and performing diagnostics and disablement operations. Also, safely disposing of the components and supporting nuclear forensics, * Consequence Management: Addressing the consequence of a nuclear or radiological incident, including a terrorist attack, on people and the environment. As an NNSA program, the Radiological Assistance Program (RAP) provides advice and radiological assistance for incidents involving radioactive materials that pose a threat to the public health and safety or the environment. RAP can provide field deployable teams of health physics professionals equipped to conduct radiological search, monitoring, and assessment activities. RAP teams are the first responders for DOE NNSA. RAP focuses on two of the three mission areas mentioned above, Search/Surge and Consequence Management (CM). RAP Region 5 is based at Argonne National Laboratory and covers 10 primary States in the Midwest but can and has been called to assist other RAP Regions throughout the Country and the world. The RAP team work directly with other agencies (State, Local, Federal) and relies on the other agencies to provide hazard mitigation. RAP conducts work and houses their equipment at a location offsite near the Argonne campus. They are now in the process of relocation to another location also near the Argonne campus. The scope of this ERF covers 1. The relocation of the base facility. A commercial moving company is contracted to plan, stage, and execute the move of furniture and equipment from current location to the new location. This includes project management, relocation services, rigging services, and specialty crafting including carpentry services for dismantling and reassembling desks, cabinets, etc. 2. Ongoing RAP activities which will continue at the new location. This includes office work, housing and maintaining electronic instrumentation and support material, including a fleet of vehicles (currently 8), trailers (currently 3), and sealed sources for the calibration of the instruments. 3. Field activities involving deployment of instruments and support material and the collection of data and information as described above.

Description of Affected Environment

The offsite area is not expected to be significantly affected as work planned is consistent with no environmental impact type

industry occupants. The move activity will include moving trucks, non-powered material handling equipment, and hand powered and non-powered tools for disassembling and reassembling furniture. No modification to the structure can be or will be made. No construction is being done. Field activities involve conducting radiological search, monitoring, and assessment activities. No environmental impact is expected to result from this work.

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		○	◉	
2.	Air Pollutant Emissions		○	◉	
3.	Noise		○	◉	
4.	Chemical/Oil Storage/Use		◉	○	Liquids associated with vehicles and generators; Non-flammable, non-hazardous Diesel Emissions Fluid,. Generator fuel (gasoline), spare is not kept on hand, fuel containers are used during deployment. Motor oil. Lead acid batteries in vehicles. Windshield washing fluid. Flammables are stored in a flammable liquids cabinet. Vehicles are not serviced at the facility and generally do not have spare fluids or waste fluids or batteries. Cryogenic liquid nitrogen is used to support the LN Cooled High Purity Germanium Detectors. All of these items are consumed.
5.	Pesticide Use		○	◉	
6.	**Toxic Substances Control Act (TSCA) Substances**				
	6a.	Polychlorinated Biphenyls (PCBs)	○	◉	
	6b.	Asbestos or Asbestos Containing Materials	○	◉	
	6c.	Other TSCA Regulated Substances	○	◉	
	6d.	Import or Export of Chemical Substances	○	◉	
7.	Biohazards		○	◉	
8.	Effluent/Wastewater (If yes, see question #12 and contact Peter Lynch (HSE) at 2-4582 or lynch@anl.gov)		○	◉	
9.	**Waste Management**				
	9a.	Construction or Demolition Waste	○	◉	
	9b.	Hazardous Waste	◉	○	All chemicals used are consumables as mentioned in #4 above. If there is ever a case where any of these items need to be disposed of and are categorized as hazardous waste, they will be processed per Argonne's Waste Handling Procedures Manual
	9c.	Radioactive Mixed Waste	○	◉	
	9d.	Radioactive Waste	○	◉	
	9e.	Asbestos Waste	○	◉	
	9f.	Biological Waste	○	◉	
		No Path to Disposal			

	9g.	Waste	○	◉	
	9h.	Nano-material Waste	○	◉	
10.		Radiation	◉	○	RAP follows all Radiological Safety Org¿s procedures, LMS-PROC-45 (CURIE), and all NUCMAT chapters. The MC&A group is responsible for transporting the radioactive material (which includes special nuclear material) to and from the RAP facility. The radioactive material will always be in control of the Radioactive Item Custodian (RIC) and Material Balance Area (MBA) Custodian. LMS-PROC-290 is followed for ship and receive material to the offsite location to bypass bldg 46.
11.		Threatened Violation of ES&H Regulations or Permit Requirement	○	◉	
12.		New or Modified Federal or State Permits	○	◉	
13.		Siting, Construction, or Major Modification of Facility to Recover, Treat, Store, or Dispose of Waste	○	◉	
14.		Public Controversy	○	◉	
15.		Historic Structures and Objects	○	◉	
16.		Disturbance of Pre-existing Contamination	○	◉	
17.		Energy Efficiency, Resource Conserving, and Sustainable Design Features	○	◉	Leasing an existing building.
Section B (For Projects that Occur Outdoors)			**Yes**	**No**	
18.		Threatened or Endangered Species, Critical Habitats, and/or other Protected Species	○	◉	
19.		Wetlands	○	◉	
20.		Floodplain	○	◉	
21.		Landscaping	○	◉	
22.		Navigable Air Space	○	◉	
23.		Clearing or Excavation	○	◉	
24.		Archaeological Resources	○	◉	
25.		Underground Injection	○	◉	
26.		Underground Storage Tanks	○	◉	
27.		Public Utilities or Services	○	◉	
28.		Depletion of a Non-Renewable Resource	○	◉	
Section C (For Projects Outside of ANL)			**Yes**	**No**	
29.		Prime, Unique, or Locally Important Farmland	○	◉	
30.		Special Sources of Groundwater (such as sole source aquifer)	○	◉	
31.		Coastal Zones	○	◉	
32.		Areas with Special National Designations (such as National Forests, Parks, or Trails)	○	◉	

33.	Action of a State Agency in a State with NEPA-type Law	○	◉	
34.	Class I Air Quality Control Region	○	◉	

Categorical Exclusion

Other (Use field below to enter other categorical exclusion)

Appendix B1.24 Property Transfers - applicable for lease of real property

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?	○	◉
Is the project connected to other actions with potentially significant impacts or related to other proposed action with cumulatively significant impacts?	○	◉
If yes, is a categorical exclusion determination precluded by 40 CFR 1506.1 or 10 CFR 1021.211?	○	○
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?	◉	○

If yes, indicate the class or classes of action from Appendix A or B of Subpart D under which the project may be excluded:

This project may be excluded under the following 10 CFR Part 1021, Subpart D, Appendix B Categorical Exclusions: B1.3: Routine Maintenance B 1.15: Support buildings B1.31: Installation or relocation of machinery and equipment B3.1: Site characterization and environmental monitoring

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:

Comments

Add Approver

Approver Name	Approver Badge	Reason	Delete
Bettenhausen, Steven J.	46253	Program lead	
Lynch, Peter L.	46304	Environmental Compliance	
Pierce, Linda M.	40750	Div. ECR	
Ridenour, Mary J.	57516	Material Control and Accountability	

Notifications

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

Badge	Name	Division	Delete
41852	Chiarelli, Judith A.G.	SSS	

ASO-CX Number

ASO-CX- 381

Comments:

Approval

Approver	Action	Date Routed	Action Date	Approval Reason / Comments	Approval Type
Pierce, Linda M.	APPROVED	2020-12-09	2020-12-09 13:47:24.0	Creator :	PRIMARY
Pierce, Linda M.	APPROVED	2020-12-09	2020-12-09 13:47:24.0	Allows access to the form :	PRIMARY
Pierce, Linda M.	APPROVED	2020-12-09	2020-12-09 13:47:24.0	Project Manager :	PRIMARY
Pierce, Linda M.	APPROVED	2020-12-09	2020-12-09 13:47:24.0	Div. ECR :	PRIMARY
Bettenhausen, Steven J.	APPROVED	2020-12-09	2020-12-09 14:02:59.0	Program lead :	PRIMARY
Lynch, Peter L.	APPROVED	2020-12-09	2020-12-09 13:56:41.0	Environmental Compliance :	PRIMARY
Ridenour, Mary J.	APPROVED	2020-12-09	2020-12-09 13:58:28.0	Material Control and Accountability :	PRIMARY
Harris, Amy M.	APPROVED	2020-12-09	2020-12-09 14:10:57.0	NEPA Owner Approval for Argonne Environmental Review :	PRIMARY
Ptak, Jill S.	APPROVED	2020-12-09	2020-12-11 13:44:02.0	ANL NEPA Reviewer :	PRIMARY
Hellman, Karen B.	APPROVED	2020-12-11	2020-12-11 15:51:15.0	ANL-985 Review and Approval :	PRIMARY
Dunn, Michael W.	APPROVED	2020-12-11	2021-01-11 10:42:28.0	ANL-985 ANL Deputy COO Review and Approval :	PRIMARY
Joshi, Kaushik N.	APPROVED	2021-01-11	2021-01-20 15:49:54.0	ANL-985 DOE-ASO Review and Approval : **This DOE approval for NEPA ERF Categorical Exclusion is tracked as ASO-CX-381.**	PRIMARY
Siebach, Peter Rudolf	APPROVED	2021-01-20	2021-01-21 13:45:06.0	ANL-985 DOE NEPA Compliance Officer Review and Approval :	PRIMARY