Argonne National Laboratory		onmental Review Form for Argonne National Laboratory	Form: Version: Your Form ID Form Status: Date: Created By:	ANL-985 5 ANL-985-1340 Approved 10/28/2019 7:21:13 AM Murdoch, Colin M.	
Creator					
Badge:	207696	Name:	Murdoc	h, Colin M.	
Cost Center:	208	Division:	РМО		
Job Title:	Project Manager	Employee Typ	e: <b>Regula</b> r	Full-Time Exempt	
Building:	214	Lab Extension	2 <b>-5829</b>		

## **General Information**

Project/Activity Title: Bldg	202 XYZ Wings Demolition	
ASO NEPA Tracking No.: 2972	Type of Funding:	
B & R Code:	Identifying Number: 01761	
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: PMO NEPA Owner:		

## **Financial Plans**

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

Cost Center: 208 Project: PRJ1007894 CSIFY20-IND-208 Phase: GEN Task: D-CSI20: XYZ Wing Demolition 20

## **Description of Proposed Action**

The structure identified for demolition is the X, Y, and Z Wings of building 202 (XYZ Wing). Rooms X, Y and Z were added to Building 202 in 1976 as a Low-Level Gamma Irradiation Facility for the division then known as the Biological and Medical Research Division. decommissioned in 1995. The XYZ Wing demolition project objective is to achieve the project end state for demolition and waste removal of the above grade structure and components of the XYZ Wing facility, as well as the demolition and waste removal of all floor slabs, footings, and foundations.

## **Description of Affected Environment**

Work area is limited to the XYZ building structure bounded by extent of the footing, extending 1-foot past exterior walls. incidental excavation required to remove footings 4 feet below grade. Removal of soils, or finish grading is not incorporated into project work scope. Site will be left rough grade for proposed expansion of existing electrical substation.

## **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
Project evaluated for Pollution Prevention and Waste1.Minimization opportunities and details provided under items2, 4, 6, 7, 8, 16, and 20 below, as applicable		۲		Potential PCB oil, universal wastes to be removed prior to demolition and disposed of by waste management division. Potential recycling of concrete and metals.
2.	Air Pollutant Emissions	0	$\odot$	hazardous materials not present at site, asbestos insulation material not present. Pant sample conclude not lead based. Water misting required for silica.
3.	Noise	$\odot$	$^{\circ}$	demolition and breaking of concrete and removal of roof

4.	Che	emical/Oil Storage/Use	0	$\odot$	None present
5.	Pes	sticide Use	0	$\odot$	Not required
6.	То>	kic Substances Control Act (TSCA) Substances	1		
	6a.	Polychlorinated Biphenyls (PCBs)	o	o	Potential PCB light ballasts. NWM to remove and dispose prior to demolition under divisional waste handling procedures.
	6b.	Asbestos or Asbestos Containing Materials	⊙	0	Roofing material, to be removal using conventual demolition methods, not saw cut or grinding
	6c.	Other TSCA Regulated Substances	0	$\odot$	None
	6d.	Import or Export of Chemical Substances	$\mathbf{O}^{-}$	$\odot$	Not Applicable
7.	Bio	hazards	0	$\odot$	
8.		uent/Wastewater (If yes, see question #12 and contact er Lynch (HSE) at 2-4582 or lynch@anl.gov)	o	o	Area of demolition is 5510 square feet, incidental wastewater from dust control misting would be generated.
9.	Wa	ste Management			
	9a.	Construction or Demolition Waste	$\odot$	$\mathbf{C}$	Concrete and steel
	9b.	Hazardous Waste	©	c	Potential PCB, mercury in florescence lamps. NWM to remove and dispose prior to demolition under divisional waste handling procedures.
	9c.	Radioactive Mixed Waste	0	$\odot$	No residual radiological material present. Building surfaces surveyed for unrestricted release.
	9d.	Radioactive Waste	c	ullet	No residual radiological material present. Building surfaces surveyed for unrestricted release.
	9e.	Asbestos Waste	۲	o	non friable roofing material. Potential pipe insulation embedded in concrete floor slab, less than 260 linear feet
	9f.	Biological Waste	0	$\odot$	None
	9g.	No Path to Disposal Waste	0	$\odot$	None
	9h.	Nano-material Waste	0	$\odot$	None
10.	Rad	diation	o	$\odot$	No residual radiological material present. Building surfaces surveyed for unrestricted release.
11.		eatened Violation of ES&H Regulations or Permit quirement	c	$\odot$	Standard dust control methods to be used, water misting required for silica, dust control
12.	Nev	w or Modified Federal or State Permits	С	$\odot$	Demolition of existing abandoned structure
13.		ng, Construction, or Major Modification of Facility to cover, Treat, Store, or Dispose of Waste	o	$\odot$	N/A
14.	Put	blic Controversy	0	$\odot$	Demolition of existing abandoned structure
15.	His	toric Structures and Objects	o	$oldsymbol{\circ}$	Former Gamma exposure facility determined to be of no historic significance. Wing physically separate from eligible Building 202 structure.
16.	Dis	turbance of Pre-existing Contamination	0	$\odot$	None
17.		ergy Efficiency, Resource Conserving, and Sustainable sign Features	0	$oldsymbol{\circ}$	Eliminate facility electrical usage
		Section B (For Projects that Occur Outdoors)	Yes	No	
18.		eatened or Endangered Species, Critical Habitats, //or other Protected Species	c	$oldsymbol{\circ}$	Demolition of existing structure
19.	We	tlands	0	$\odot$	Demolition of existing structure
20.	Flo	odplain	0	$\odot$	Demolition of existing structure
21.	Lan	ndscaping	С	$\odot$	Demolition of existing structure
22.	Nav	<i>v</i> igable Air Space	С	$\odot$	Demolition of existing single story structure
23.	Cle	aring or Excavation	0	Θ	Excavation limited to removal of structural footing 4 feet below grade. No soil will be removed from site.
					Demolition of existing structure built in 1976 on

24.	Archaeological Resources	0	$\odot$	previously disturbed soil.
25.	Underground Injection	С	$\odot$	not applicable
26.	Underground Storage Tanks	С	$\odot$	none present
27.	Public Utilities or Services	С	$\odot$	On site utilities and services disconnected
28.	Depletion of a Non-Renewable Resource	С	$\odot$	no
	Section C (For Projects Outside of ANL)	Yes	No	
29.	Prime, Unique, or Locally Important Farmland	С	$\odot$	removal of existing structure
30.	Special Sources of Groundwater (such as sole source aquifer)	$\circ$	$\odot$	no
	Coastal Zones	С	$\odot$	not applicable
32.	Areas with Special National Designations (such as National Forests, Parks, or Trails)	o	$\odot$	not applicable
33.	Action of a State Agency in a State with NEPA-type Law	0	$\odot$	not applicable
34.	Class I Air Quality Control Region	0	$\odot$	not applicable

# **Categorical Exclusion**

# ANL NEPA Reviewer Use Only

- C 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?	o	۲		
Is the project connected to other actions with potentially significant impacts or related to other proposed action with cumulatively significant impacts?	C	۲		
If yes, is a categorical exclusion determination precluded by 40 CFR 1506.1 or 10 CFR 1021.211?	0	0		
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?	۲	0		
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 Categorical Exclusion: 10 CFR Part 1021, Subpart D, Appendix B, Category: B1.23, Demolition and disposal of buildings B 1.23 Demolition and disposal of 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:**

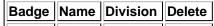
### Comments

# Add Approver

Approver Name	Approver Badge	Reason	Delete	

# Notifications

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



## **ASO-CX Number**

# ASO-CX- 367

Comments:

# Approval

Approver	<u>Action</u>	Date Routed	Action Date	Approval Reason / Comments	<u>Approval</u> <u>Type</u>
Murdoch, Colin M.	APPROVED	2019-11-15	2019-11-15 15:44:14.0	Creator :	PRIMARY
Murdoch, Colin M.	APPROVED	2019-11-15	2019-11-15 15:44:14.0	Project Manager :	PRIMARY
Matton, Philip B.	APPROVED	2019-11-15	2019-11-20 09:49:34.0	NEPA Owner Approval for Argonne Environmental Review :	PRIMARY
Andersen, Karyn Elizabeth Schoch	APPROVED	2019-11-20	2019-11-25 08:45:10.0	Added: :	PRIMARY
Ptak, Jill S.	APPROVED	2019-11-25	2019-11-27 10:10:58.0	ANL NEPA Reviewer :	PRIMARY
Hellman, Karen B.	APPROVED	2019-11-27	2019-12-04 10:28:51.0	ANL-985 Review and Approval :	PRIMARY
Kearns, Paul K.	APPROVED	2019-12-04	2019-12-04 11:58:08.0	ANL-985 ANL COO Review and Approval :	PRIMARY
Joshi, Kaushik N.	APPROVED	2019-12-04	2019-12-09 15:31:56.0	ANL-985 DOE-ASO Review and Approval : <b>DOE ASO tracks</b> this CX approval as ASO-CX-367.	PRIMARY
Siebach, Peter Rudolf	APPROVED	2019-12-09	2019-12-10 13:58:58.0	ANL-985 DOE NEPA Compliance Officer Review and Approval :	PRIMARY