



Department of Energy

Argonne Site Office
9800 South Cass Avenue
Argonne, Illinois 60439

JUL 29 2011

Dr. Eric D. Isaacs
Director, Argonne National Laboratory
President, UChicago Argonne, LLC
9700 South Cass Avenue
Argonne, Illinois 60439

Dear Dr. Isaacs:

SUBJECT: NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) DETERMINATION FOR
ARGONNE NATIONAL LABORATORY (ANL)

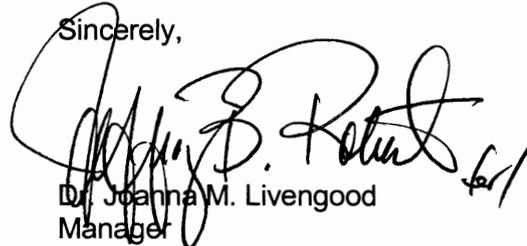
The Argonne Site Office (ASO) has approved the following as a categorical exclusion (CX) under the category of "B 2.5 Safety and environmental improvements of a facility, replacement/upgrade of facility components".

- Energy Science Building Temporary Parking and Lay down Area (ASO-CX-291)

Therefore, no further NEPA review is required. However, if any modification or an expansion of the scope is made to the above project, additional NEPA review will be necessary.

Enclosed please find a copy of the approved Environmental Review Form (ERF) for the project. If you have any questions, please contact me or Kaushik Joshi of my staff at extension 2-4226.

Sincerely,



Dr. Joanna M. Livengood
Manager

Enclosure:
As Stated

cc: M. Kamiya, ANL/ESQ, 201, w/encl.
P. Hogan, ANL/FMS, 222, w/encl.
P. Rash, ANL/FMS, 214, w/encl.

Environmental Review Form for Argonne National Laboratory

Click on the blue question marks (?) for instructions, contacts, and additional information on specific line items.

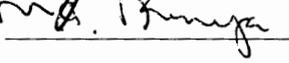
(?)Project/Activity Title: ESB Temporary Parking and Laydown Area

(?)ASO NEPA Tracking No. _____ **(?)Type of Funding:** _____
B&R Code _____

(?)Identifying number: OPS-01113 WFO proposal # _____ CRADA proposal # _____
Work Project # _____ ANL accounting # (item 3a in Field Work Proposal) _____
Other (explain) _____

(?)Project Manager: Pat Hogan Signature:  Date: 7/26/11

(?)NEPA Owner: Philip C. Rash Signature:  Date: 7/26/11

ANL NEPA Reviewer: M. A. Kamiya Signature:  Date: 7/26/2011

I. (?)Description of Proposed Action: This action will install a temporary improved surface northwest of Building 202. This site will be used for a equipment and material lay down area as well as additional parking during the upcoming ESB construction project. The work will excavate the area identified on the attached sketch. The topsoil will be removed and some clay sub-grade to establish a uniform sloped/crowned grade. A rip-rap and gravel surface will be placed. An asphalt course will be added over the gravel to provide an improved surface for walking and snow removal. Access to the area will be from the existing gravel parking area and paved driveway. A gravel based asphalt foot-path will be installed from this temporary lot south along Northgate Road, also per the attached sketch, to provide a temporary walking path for Building 222 personnel parking in the temporary lot.

II. (?)Description of Affected Environment: The existing area was previously disturbed during the initial construction of Building 202. Surface run-off will leave the surface and travel through and be filtered by the existing grass surfaces.

III. (?)Potential Environmental Effects: (Attach explanation for each “yes” response. See Instructions for Completing Environmental Review Form)

A. Complete Section A for all projects.

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** Yes X No _____

2. **(?)Air Pollutant Emissions** Yes _____ No X

Minor emissions from cars and construction vehicles will occur during the construction and operation. Minor dust may be generated from the excavation activities. Dampening of the surface will be conducted if dust generation becomes excessive.

3. **(?)Noise** Yes _____ No X

Minor construction noises from the operation of excavation equipment, trucks, and general vehicle operation in the area.

4. (?)Chemical/Oil Storage/Use Yes X No

During construction, no chemicals are expected to be used. Construction equipment may be filled with fuel as needed. Spill control procedures will be in place. Spill control devices will be in place per the construction projects Storm Water Pollution Prevention Plan (SWPPP)

5. (?)Pesticide Use Yes No X
6. (?) Polychlorinated Biphenyls (PCBs) Yes No X
7. (?) Biohazards Yes No X
8. (?)Liquid Effluent (wastewater) Yes X No

An erosion control plan shall be in place during construction activities to prevent silt laden water from entering local catch basins and adjacent grass areas.

9. (?)Waste Management
- a) Construction or Demolition Waste Yes X No
Minimal general debris will be generated such as trash, boxes, etc. The excavated materials will be recycled either on site or off site depending on the material.
 - b) Hazardous Waste Yes No X
 - c) Radioactive Mixed Waste Yes No X
 - d) Radioactive Waste Yes No X
 - e) PCB or Asbestos Waste Yes No X
 - f) Biological Waste Yes No X
 - g) No Path to Disposal Waste Yes No X
 - h) Nano-material Waste Yes No X

10. (?)Radiation Yes No X
11. (?)Threatened Violation of ES&H Regulations or Permit Requirements Yes No X
12. (?)New or Modified Federal or State Permits Yes No X
13. (?)Siting, Construction, or Major Modification of Facility to Recover, Treat, Store, or Dispose of Waste Yes No X
14. (?)Public Controversy Yes No X
15. (?)Historic Structures and Objects Yes X No

The proposed work area will place the temporary parking area within the existing 200 Historic District. The temporary lot and sidewalk will be removed after construction of the ESB and MDL projects returning the surface area to its existing condition.

16. (?)Disturbance of Pre-existing Contamination Yes No X
17. (?)Energy Efficiency, Resource Conserving, and Sustainable Design Features Yes X No

The top soil excavated from the site will be recycled on site or off-site. Excavated clay will be recycled off-site. Recycled crushed concrete may be used as backfill material.

B. For projects that will occur outdoors, complete Section B as well as Section A.

18. (?)Threatened or Endangered Species, Critical Habitats, and/or other Protected Species Yes ___ No X
19. (?)Wetlands Yes ___ No X
20. (?)Floodplain Yes ___ No X
21. (?)Landscaping Yes X No ___

Damaged grass area along the edges of the proposed parking area will be repaired.

The action will remove a group of trees in an isolated area. Two trees that are larger than six inches in diameter will be removed: A locust and an ash.

Regarding the two six-inch plus trees: The multi-stem aspect of the locust suggests it has been removed at least once in the past and has re-grown from the rootstock as these trees are what we want to do. The box elder is a rather opportunistic species as well, and not really at home in the savannah-oriented setting that is more characteristic of this area. None of the specimens present appear to be well proportioned, and once the undergrowth of the buckthorn is removed, their appearance may be quite ragged. Given the location relative to circulation aisles and traffic, it is unlikely that efforts to preserve either of these tree types would be successful.

22. (?)Navigable Air Space Yes ___ No X
23. (?)Clearing or Excavation Yes X No ___

Clearing and excavation activities will remove small trees and earth from the area. About 300 CY of earth will be removed and recycled. An isolated small grove of trees will be removed.

24. (?)Archaeological Resources Yes ___ No X

The area has been reviewed. Early photos show the area as regarded and modified due to earlier construction activities associated with construction of Building 202.

25. (?)Underground Injection Yes ___ No X
26. (?)Underground Storage Tanks Yes ___ No X
27. (?)Public Utilities or Services Yes ___ No X
28. (?)Depletion of a Non-Renewable Resource Yes ___ No X

C. For projects occurring outside of ANL complete Section C as well as Sections A and B.

29. (?)Prime, Unique, or Locally Important Farmland Yes ___ No ___

30. (?) Special Sources of Groundwater (such as sole source aquifer) Yes ___ No ___
31. (?) Coastal Zones Yes ___ No ___
32. (?) Areas with Special National Designations (such as National Forests, Parks, or Trails) Yes ___ No ___
33. (?) Action of a State Agency in a State with NEPA-type Law Yes ___ No ___
34. (?) Class I Air Quality Control Region Yes ___ No ___

IV. Subpart D Determination: (to be completed by DOE/ASO)

Are there any extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal? Yes ___ No

Is the project connected to other actions with potentially significant impacts or related to other proposed action with cumulatively significant impacts? Yes ___ No

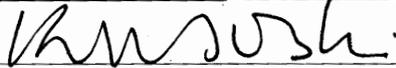
If yes, is a categorical exclusion determination precluded by 40 CFR 1506.1 or 10 CFR 1021.211? Yes ___ No ___

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? Yes No ___

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 1.15 Siting/construction/operation of support buildings/support structures.

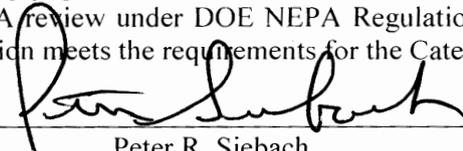
If no, indicate the NEPA recommendation and class(es) of action from Appendix C or D to Subpart D to Part 1021 of 10 CFR.

ASO NEPA Coordinator Review: Kaushik N. Joshi

Signature:  Date: 7-26-11

ASO NCO Approval of CX Determination:

The preceding pages are a record of documentation that an action may be categorically excluded from further NEPA review under DOE NEPA Regulation 10 CFR Part 1021.400. I have determined that the proposed action meets the requirements for the Categorical Exclusion identified above.

Signature:  Date: 7/26/11
 Peter R. Siebach
 Acting Argonne Site Office NCO

ASO NCO EA or EIS Recommendation:

Class of Action: _____

Signature: _____

Peter R. Siebach
Acting Argonne Site Office NCO

Date: _____

Concurrence with EA or EIS Recommendation:

CH GLD: _____

Signature: _____

Date: _____

ASO Manager Approval of EA or EIS Recommendation:

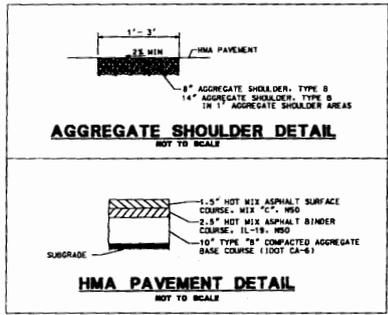
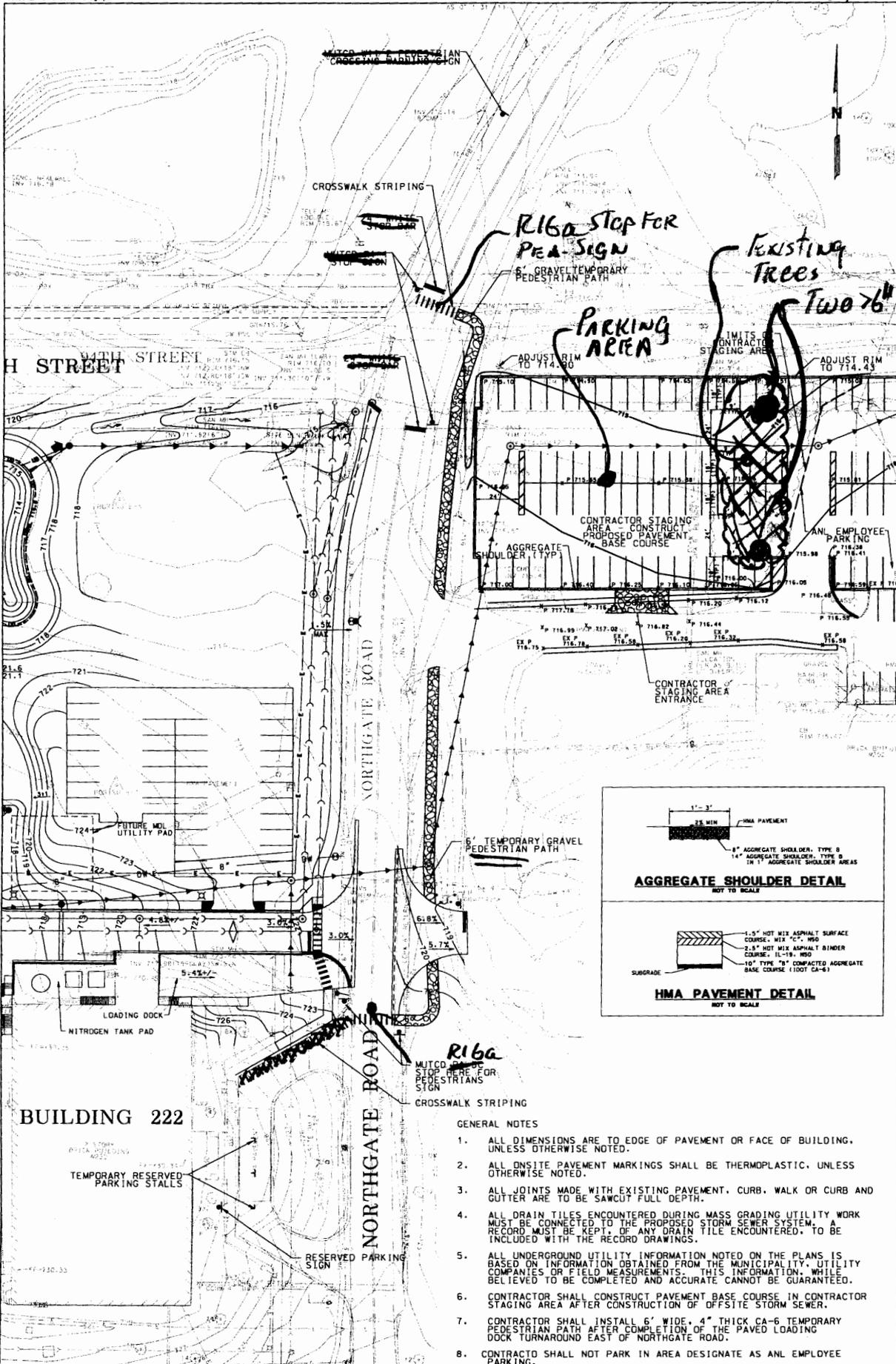
An ____ EA ____ EIS shall be prepared for the proposed _____ and

_____ shall serve as the document manager.

Signature: _____

Dr. Joanna M. Livengood
Manager

Date: _____



- GENERAL NOTES**
1. ALL DIMENSIONS ARE TO EDGE OF PAVEMENT OR FACE OF BUILDING, UNLESS OTHERWISE NOTED.
 2. ALL ONSITE PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
 3. ALL JOINTS MADE WITH EXISTING PAVEMENT, CURB, WALK OR CURB AND GUTTER ARE TO BE SAWCUT FULL DEPTH.
 4. ALL DRAIN TILES ENCOUNTERED DURING MASS GRADING UTILITY WORK MUST BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM. RECORD MUST BE KEPT OF ANY DRAIN TILE ENCOUNTERED, TO BE INCLUDED WITH THE RECORD DRAWINGS.
 5. ALL UNDERGROUND UTILITY INFORMATION NOTED ON THE PLANS IS BASED ON INFORMATION OBTAINED FROM THE MUNICIPALITY, UTILITY COMPANIES OR FIELD MEASUREMENTS. THIS INFORMATION, WHILE BELIEVED TO BE COMPLETED AND ACCURATE CANNOT BE GUARANTEED.
 6. CONTRACTOR SHALL CONSTRUCT PAVEMENT BASE COURSE IN CONTRACTOR STAGING AREA AFTER CONSTRUCTION OF OFFSITE STORM SEWER.
 7. CONTRACTOR SHALL INSTALL 6' WIDE, 4" THICK CA-6 TEMPORARY PEDESTRIAN PATH AFTER COMPLETION OF THE PAVED LOADING DOCK TURNAROUND EAST OF NORTHGATE ROAD.
 8. CONTRACTOR SHALL NOT PARK IN AREA DESIGNATE AS ANL EMPLOYEE PARKING.