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Formerly Utilized Sites Remedial Action Program (FUSRAP)

ADMINISTRATIVE RECORD

for Maywood, New Jersey



U.S. Department of Energy

United States Government

Department of Energy

Oak Ridge Operations

memorandum

DATE: April 13, 1994

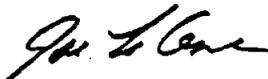
REPLY TO: EW-93:Hartman
ATTN OF:

SUBJECT: MISS - CX DETERMINATION - REMOVAL OF THE INTERIM STORAGE PILE

TO: Thomas P. Grumbly, Assistant Secretary for Environmental Management, EM-1

Attached is a categorical exclusion (CX) determination describing the proposed removal of the interim storage pile at the Maywood Interim Storage Site (MISS). I have determined that this action conforms to an existing NEPA Subpart D CX and may be categorically excluded from further NEPA review and documentation. This CX determination was made pursuant to the DOE NEPA Implementing Procedures, 10 CFR 1021, Subpart D, Appendix B, as referenced on the attached determination.

If you have any questions concerning NEPA compliance issues, please contact Patricia W. Phillips, ORO NEPA Compliance Officer, at (615) 576-4200.



Joe La Grone
Manager

Attachment

cc w/attachment:
R. R. Harbert, BNI
M. E. Redmon, BNI
T. Patterson, SAIC
J. D. Waddell, SAIC
P. Doolittle, BAH, TREV II, EM-421
S. C. Golian, TREV, EM-22
L. E. Harris, TREV II, EM-431
R. S. Scott, FORS, EM-20
J. W. Wagoner II, TREV II, EM-421
S. M. Cange, ORO, EW-93
G. S. Hartman, ORO, EW-93
N. Hendrix, ORO, EW-91
P. W. Phillips, ORO, SE-311
L. K. Price, ORO, EW-93
W. M. Seay, ORO, EW-93

**CATEGORICAL EXCLUSION (CX) FOR
REMOVAL OF THE INTERIM STORAGE PILE AT THE
MAYWOOD INTERIM STORAGE SITE (MISS)**

PROPOSED ACTION: Removal of the interim storage pile at Maywood.

LOCATION: MISS is located in Maywood, New Jersey, and is part of DOE's Formerly Utilized Sites Remedial Action Program (FUSRAP).

DESCRIPTION OF PROPOSED ACTION: The proposed action is to safely remove and dispose of radiologically contaminated materials in the interim storage pile at the MISS site, thereby eliminating potential exposure of workers and the public to contamination exceeding cleanup guidelines. Proposed site activities include, but are not limited to, the following: Removal of the MISS interim storage pile; installation and operation of a waste minimization and volume reduction system (e.g., soil washing) for water and soil prior to disposal; and packaging, transportation, and disposal of radiologically contaminated byproduct materials (approximately 35,000 yd³, primarily contaminated soils) to an appropriately licensed disposal facility. The timely and complete removal of the interim storage pile would facilitate preparation of the MISS property for later waste treatment and staging activities during the final remediation of the Maywood site. Removal action at this site would be undertaken as part of DOE's FUSRAP program and would be conducted consistent with applicable requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

The proposed removal action would be conducted under DOE authorities pursuant to the Atomic Energy Act (AEA), would be consistent with the final remedial action for the site, and meets the eligibility criteria for conditions that are integral elements of actions eligible for categorical exclusion as stated in 10 CFR 1021:

1. The proposed action would not threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, including requirements of DOE orders. All activities would be managed by the FUSRAP program. A site-specific health and safety plan would be prepared prior to initiation of this activity.
2. The proposed action would not require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators and facilities for treating wastewater, surface water, and groundwater). Wastes would be transported offsite in accordance with applicable transportation and disposal requirements, and disposed of at an appropriately licensed disposal facility.

**CATEGORICAL EXCLUSION (CX) FOR
REMOVAL OF THE INTERIM STORAGE PILE AT THE
MAYWOOD INTERIM STORAGE SITE (MISS)**

3. The proposed action would not disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases. The removal action would be conducted in an environmentally responsible manner to ensure site-specific control of environmental contamination.

4. The proposed action would not adversely affect any environmentally sensitive resources defined in the Federal Register Notice referenced below, including archaeological or historical sites; potential habitats of endangered or threatened species; floodplains; wetlands; areas having a special designation such as Federally- and state-designated wilderness areas, national parks, national natural landmarks, wild and scenic rivers, state and Federal wildlife refuges, and marine sanctuaries; prime agricultural lands; special sources of water such as sole-source aquifers; and tundra, coral reefs, or rain forests. The proposed action would occur in a previously disturbed/developed area.

There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal, and the proposal is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211.

The proposed removal of the interim storage pile at MISS would not bias the selection of the proposed remedy for the Maywood site. The interim storage pile represents less than ten percent of the total volume requiring remediation. No component of the analysis of any alternative under consideration for the Feasibility Study (FS) would be significantly affected by advance removal of the pile. Specifically: no offsite disposal remedies would be affected; onsite disposal would require additional land purchase regardless of the pile volume; relative sizes of a disposal cell footprint to enclose the Maywood wastes are similar with or without the pile volume; and under all alternatives, the pile would require relocation to remove additional contaminated soils beneath the pile.

The estimated cost for this action is approximately \$20 - \$40 million and could take from approximately 12-15 months up to several years to complete, depending upon budget constraints. The estimated cost is expected to be reduced if soil washing proves to be effective. The action is an "interim removal action" to eliminate possible exposure to the public and is consistent with the final remedial action at the Maywood site.

**CATEGORICAL EXCLUSION (CX) FOR
REMOVAL OF THE INTERIM STORAGE PILE AT THE
MAYWOOD INTERIM STORAGE SITE (MISS)**

CX TO BE APPLIED: From the DOE NEPA Implementing Procedures, 10 CFR 1021, Subpart D, Appendix B, under actions that "Normally Do Not Require EAs or EISs":

"B6.1 Removal actions under CERCLA (including those taken as final response actions and those taken before remedial action) and removal-type actions similar in scope under RCRA and other authorities (including those taken as partial closure actions and those taken before corrective action), including treatment (e.g., incineration), recovery, storage, or disposal of wastes at existing facilities currently handling the type of waste involved in the removal action. These actions will meet the CERCLA regulatory cost and time limits or satisfy either of the two regulatory exemptions from those cost and time limits (National Contingency Plan, 40 CFR part 300)."

I have concluded that the proposed action meets the requirements for the CX referenced above. Therefore, I recommend that the proposed action be categorically excluded from further NEPA review and documentation.

Patricia W Phillips 4-7-94
Patricia W. Phillips, ORO NEPA Compliance Officer Date

Based on my review and the recommendation of the ORO NEPA Compliance Officer, I recommend that the proposed action be categorically excluded from further NEPA review and documentation.

William D. Adams 4-12-94
William D. Adams, Assistant Manager for Date
Environmental Restoration and Waste Management

Based on the recommendations of the ORO NEPA Compliance Officer and the Assistant Manager for Environmental Restoration and Waste Management, I determine that the proposed action is categorically excluded from further NEPA review and documentation.

Joe La Grone 4/13/94
Joe La Grone, Manager, DOE Oak Ridge Operations Date

4/13/94

EW-93:Hartman

MISS - CX DETERMINATION - REMOVAL OF THE INTERIM STORAGE PILE

Thomas P. Grumbly, Assistant Secretary for Environmental Restoration and Waste Management, EM-1

Attached is a categorical exclusion (CX) determination describing the proposed removal of the interim storage pile at the Maywood Interim Storage Site (MISS). I have determined that this action conforms to an existing NEPA Subpart D CX and may be categorically excluded from further NEPA review and documentation. This CX determination was made pursuant to the DOE NEPA Implementing Procedures, 10 CFR 1021, Subpart D, Appendix B, as referenced on the attached determination.

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Original Signed By
Joe La Grone
Joe La Grone
Manager

Attachment

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EW-93:GSHartman:TJPatterson:6-0273:1/4/94
MDSeiber:4/4/94
N:GSH/MISSPILE.CX1

CONCURRENC
RTG SYMBOL EW-93
INITIALS/SIG Hartman
DATE 4/4/94
RTG SYMBOL EW-93
INITIALS/SIG Cange
DATE 4/4
RTG SYMBOL EW-93
INITIALS/SIG Price
DATE 4/4
RTG SYMBOL SE-311
INITIALS/SIG Phillip
DATE 4-7-94
RTG SYMBOL CC-10
INITIALS/SIG Bartley
DATE 4-8-94
RTG SYMBOL EW-90
INITIALS/SIG Adams
DATE 4/12/94
RTG SYMBOL M-3
INITIALS/SIG Rice
DATE 4/13/94
RTG SYMBOL M-2
INITIALS/SIG Smith
DATE 4/13/94

M-1
La Grone
4/13/94