



Department of Energy

Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221

AUG 26 2014

Mr. John E. Kieling, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Notification of Planned Physical Alteration to the Permitted Facility, Hazardous Waste Facility Permit, Number: NM4890139088-TSDF

Dear Mr. Kieling:

The purpose of this letter is to notify you of a planned physical alteration to the permitted facility in accordance with Permit Part 1, Section 1.7.11. (20.4.1.900 New Mexico Administrative Code (NMAC) incorporating Title 40 of the Code of Federal Regulations (CFR) §270.30(I)(1)). The U.S. Department of Energy (DOE) and Nuclear Waste Partnership LLC (NWP), collectively referred to as the Permittees, intend to augment the facility system known as the underground ventilation system (UVS) with the Interim Ventilation System (IVS). The UVS is broadly described in Permit Attachment A2, Section A2-2a(3).

The IVS consists of two skid mounted fan and filter units that will be added to the UVS in order to increase the current filtration capacity of the UVS. The current filtration capacity is 60,000 cubic feet per minute (cfm). The primary functions of the augmented ventilation system will be to remove the airborne radioactive particulate from the exhaust air through high efficiency particulate air (HEPA) filtration before the air is released to the environment and to provide additional ventilation air flow in order to achieve up to 114,000 cfm in filtration mode. A draft conceptual drawing of the augmented ventilation system is attached for information.

The Permittees anticipate the installation of the IVS will be early in calendar year 2015. Additional filtered ventilation is needed to perform underground recovery activities. For example, limited waste handling operations may be conducted in the future under the augmented ventilation system in order to dispose of underground derived waste and to dispose the waste in storage in the Waste Handling Building. Upon completion of this alteration, the Permittees will provide a letter with a New Mexico registered professional engineer's statement that the facility has been constructed pursuant to the design and applicable Permit requirements and provide the NMED the opportunity to inspect the alteration to the ventilation system pursuant Permit Part 1, Section 1.7.11.

We certify under penalty of law that this document and all attachments were prepared under our direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of our knowledge and belief, true, accurate, and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please contact Mr. George T. Basabilvazo at (575) 234-7488.

Sincerely,

Original Signatures on File

~~Jose R. Franco~~, Manager
Carlsbad Field Office

Robert L. McQuinn, Project Manager
Nuclear Waste Partnership LLC

Enclosure

cc: w/enclosure
T. Blaine, NMED *ED
T. Kliphuis, NMED ED
CBFO M&RC
*ED denotes electronic distribution

Augmentation to HEPA Ventilation
(Draft Concept Drawing Only)

