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OAK RIDGE NATIONAL LABORATORY
MANAGED BY MARTIN MARIETTA ENERGY SYSTEMS, INC.
FOR THE U.S. DEPARTMENT OF ENERGY

POST OFFICE BOX 2008
OAK RIDGE, TENNESSEE 37831

May 12, 1994

U.S. Nuclear Regulatory Commission
Attn: Chad Glenn
MS: TWFN-F-27
11555 Rockville Pike
Rockville, Maryland 20852

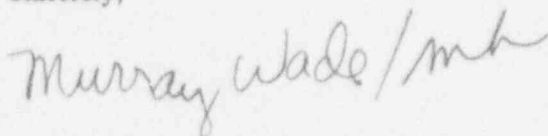
Second Information Request, Shieldalloy Metallurgical Corporation Facility, Cambridge, Ohio
(Task Order 2 under FIN number L2094)

Dear Chad,

Enclosed is a list of additional information that will be needed in order to complete the Description of Proposed Action and Alternatives (DOPAA). The majority of these items are highlighted in the Draft DOPAA already sent to you.

If you have any questions feel free to call me at (615) 574-8632 or Lance McCold at (615) 574-5216.

Sincerely,



Murray C. Wade, Staff Member
Oak Ridge National Laboratory

MCW:mh

cc: D. DeMarco (NRC)
L. N. McCold
R. M Reed
J. W. Terry

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INFORMATION REQUEST

GENERAL

1. We will need revised costs estimates for each alternative identified in the draft DOPAA.
2. More detail needed on the amount, location, and type of hazardous waste contained in the slag piles.

ALTERNATIVES

Onsite Stabilization and Disposal (Licensee's Proposed Action)

1. Does this single pile include the West and East slag pile or will there be two different piles?
2. A detailed design of the proposed action for both piles is needed, including the location of each pile or the single pile.
3. More detail is needed concerning how the site would be graded and what materials would be imported to the site. A schematic showing finished grades is also needed depicting the details of the cap as well as the final footprint of the piles.
4. Will the proposed cap have the capability to contain all the waste adequately (radiological, non-radiological, and hazardous)? If not, a new design will be necessary.

Offsite Disposal of Radiological and Hazardous Waste

5. This alternative would result in ___ truck loads or ___ train car loads of radiological and hazardous waste being transported off site.
6. How many truck loads or train car loads were assumed in the Technical Basis for Decommissioning document?

Onsite Separation Processing with Offsite Disposal

7. Will the low concentration slag be returned to the existing piles or will the slag be relocated farther away from the wetlands?

Onsite Dilution Processing and Disposal

8. More detail on the process is needed including the following. How would this process work? Would the slag be ground into dust for mixing? How much fill would be required? Where would the fill be placed?

Segregation and Disposal of Hazardous Waste

9. An agreed upon criteria is needed to determine what levels of contamination would necessitate offsite disposal and what levels would be acceptable to leave onsite (e.g., clean up to background level).

REGULATORY COMPLIANCE

10. Are there any other laws, statutes, or regulations that would apply to this action?