

License File

NOV 3 - 1988

R

Docket No. 70-36

Combustion Engineering, Inc.
ATTN: Dr. P. L. McGill
Vice President
Manufacturing
Nuclear Power Systems
Windsor, CT 06095

Gentlemen:

This letter transmits our approval of your request to construct warehouse facilities in conjunction with the demolition of Buildings 250 and 251 at Combustion Engineering fuel fabrication facilities located in Hematite, Missouri (CE Hematite). However, the Region III staff requires that you initiate such construction and demolition activities pursuant to our concerns expressed in the attached comments.

On October 6 and 7, 1988, the Region III staff conducted confirmatory measurements in Building 250 and 251 and determined that cleanup efforts performed by CE Hematite were effective in reducing radioactive contamination levels to below NRC guidelines.

Based on his recollection of facility operations, Mr. J. Rode, Plant Manager, Hematite Operations indicated the areas where soil contamination was most likely expected. On October 8, 1988, CE Hematite established 10 meter grids and collected core samples from the area. Subsequent to this action samples selected from six of the core holes were submitted to Region III for comparative analysis. By letter dated October 18, 1988 (H. E. Eskridge to B. Mallett), CE Hematite submitted a copy of their sample survey results, a description of the core sampling method, and a description of the sample preparation and counting techniques, for Region III staff review. A review of CE Hematite survey results along with Region III comparative analysis is ongoing.

If you have any questions concerning these comments, please call D. J. Sreniawski (FTS 388-5611) or G. M. France, III (FTS 388-5786) of my staff.

Sincerely,

Bruce S. Mallett, Ph.D., Chief
Nuclear Materials Safety
and Safeguards Branch

Enclosure: As stated

See Attached Distribution

RIII
G.M.F. to Yea
France/mb
11/01/88

(yes)
RIII
DS
Sreniawski
11/2

(yes)
RIII
DS for
Mallett
11/1

L-31

Distribution

cc w/enclosure:

J. A. Rode, Plant Manager

A. E. Scherer, Director
Nuclear Licensing

C. B. Brinkman, Manager
Washington Nuclear Operations
DCD/DCB (RIDS)

REGION III. COMMENTS; CE HEMATITE
CONSTRUCTION/DEMOLITION ACTIVITIES

1. Please inform us at least two days prior to active pouring of concrete forms.
2. Within 15 calendar days provide details on how you will remove and dispose of contaminated soil from locations No. 4 and 5 and prevent subsequent contamination of clean areas. Release of facilities and equipment to unrestricted use shall be in accordance with Materials License No. SNM-33, License Condition No. 14 which references "Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use," dated August 1987.

As a minimum planned activities for construction and demolition activities should commit to the following requirements:

- Health Physics Technician onsite when decontamination activities are being conducted.
- Radiological surveillance program should include: documentation of daily inspection of areas to ensure compliance with radiation protection requirements.
- Prevention of contaminated individuals/vehicles/equipment from exiting the controlled areas without approval by the radiation safety personnel.
- Radiation Protection training for contractor personnel.
- Record of independent audits and radiation work permits (where applicable).