Mr. Robert W. Sharkey Manager
Regulatory Compliance
Hematite Nuclear Fuel Manufacturing
Combustion Engineering, Inc.
3300 State Road P
Hematite, MO 63047

2-8-95

SUBJECT: HEMATITE EVAPORATION PONDS (TAC NO. L30728)

Dear Mr. Sharkey:

This refers to your application dated October 26, 1994, requesting approval of the Hematite Evaporation Pond Decommissioning Plan.

Our review of your application has identified additional information that is needed before final action can be taken on your request. If CE intends to use the Option 2 concentration limits from NRC's Branch Technical Position, "Disposal or Onsite Storage of Residual Thorium or Uranium From Past Operations," for decommissioning the ponds, a groundwater evaluation needs to be submitted. This evaluation should demonstrate that groundwater impact would not result in an unacceptable dose to the maximally exposed individual under a 1000-year unrestricted use scenario. In addition, the methods used and results from the tests conducted to determine the solubility class of the residual uranium in the ponds should be submitted to NRC for review.

This information should be provided within 30 days of the date of this letter. Please reference the above TAC No. in future correspondence related to this request.

If you have any questions regarding this matter, please contact me at (301) 415-8155.

Sincerely,

Sean Soong
Licensing Section 2
Licensing Branch
Division of Fuel Cycle Safety
and Safeguards, NMSS

Docket 70-36
License SNM-33

cc w/encls: Mr. M. A. Michelsen
Licensing Engineering

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