



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

KJH

APR 16 1982

Docket No. 70-36

PRINCIPAL STAFF		
✓ DIR		EAIS
R/D		AD
A/D		AD
DR&PI		
DE&TI		
DE&OS	File	✓

Combustion Engineering, Inc.  
ATTN: H. E. Eskridge  
Supervisor, Nuclear Licensing,  
Safety and Accountability

24-16206-01

Route 21-A  
Hematite, Missouri 63047

Gentlemen:

We have conducted an initial review of the environmental information submitted on January 29, 1982, in support of your license renewal action. Our review reveals that additional information is required to complete our environmental impact assessment. The additional information and questions are identified in the attachment.

Our review schedule requires that you provide us the additional information by May 15, 1982. Please let us know as soon as possible if you cannot meet the above schedule. If you have further questions, please call me at 301-427-4510.

Sincerely,

E. Y. Shum  
Uranium Process Licensing Section  
Uranium Fuel Licensing Branch  
Division of Fuel Cycle and  
Material Safety, NMSS

Enclosure: As stated

APR 19 1982

D-70

## ATTACHMENT

### Request for Additional Environmental Information

1. Where appropriate, please provide additional discussion, interpretation and explanation of the monitoring data as summarized in tables in Part II.6 of your environmental information submitted on January 29, 1982. Also identify the methods used for analysis of the various environmental samples and include the minimum analytical detectable levels.
2. We understand there have been some modifications to the facility's exhaust stack system wherein a number of stacks have been manifolded to vent through other stacks and that this has resulted in the elimination of the following exhaust stacks:  
  
Stack 101 - Dock  
Stacks 102, 112 and 113 - Oxide Building  
Stacks 226 and 231 - Building 240  
  
Please provide a description of the configuration of the existing ventilation system, including stack location.
3. What is the current status of decommissioning of the evaporation/retention ponds? When will the cleanup of the ponds be completed? What is the estimated quantity of contaminated soil remaining to be removed?
4. Page II.6-1, 6.1 on January 29, 1982 submittal. Airborne Releases. This section includes a table indicating Organ Dose (mrem/yr) for the years 1979 and 1980. This table indicates the location of the North Onsite Monitoring Station as being at a distance of 100 meters (m). It appears from the plot plans we have that this monitoring station is a little over 178 m from the nearest stack (114) on the Oxide Building and 186 m from the main cluster of stacks on that building. Admittedly, the plot plans we have are small and possibly the scales thereon are not entirely accurate, but would you please verify the distance from stack 114 to the North Onsite Monitoring Station.
5. Please identify on a map the nearest cattle grazing areas around the plant site and how your vegetation monitoring program would be implemented to protect the cattle grazing area.
6. Monitoring data from Part II.6. Tables show some abnormal numbers. How would you explain those numbers? If they are from contamination of lab analysis, how would you correct this error and verify it?.
7. Please provide the difference in elevation between the railroad bed, over the length of the plant fenced area on the southeast boundary, and the elevation of the fenced area paralleling Route 21A.. This information is for flooding analysis.



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JUL 15 1982

PRINCIPAL STAFF	
✓ D/R	✓
D/D	240
V/D	210
DE&FY	
DE&LL	
DE&OS	File ✓

NMSS/ NSIR

24-16258-01

MEMORANDUM FOR: James G. Keppler, Regional Administrator  
Region III

FROM: Robert F. Burnett, Director  
Division of Safeguards, NMSS

SUBJECT: HEADQUARTER'S PERSONNEL SITE VISIT TO  
REGION III LICENSEE

Licensee: Combustion Engineering, Inc.  
Hematite, MO

Visit By: R. L. Jackson  
Fuel Facility Safeguards Licensing Branch

Date of Visit: Jul 26 thru 29, 1982

Licensee Contact: H. Eskridge and J. Swallow

Purpose of Visit: To discuss:

- o Proposed Revision of Fundamental Nuclear Material Control (FMC) Plan
- o Shipper/Receiver Differences
- o Review of Bias Correction Procedures

**TERMINATED**  
**1983**

Robert F. Burnett, Director  
Division of Safeguards, NMSS

JUL 17 1982