



70-1113

GE Nuclear Energy

General Electric Company  
P.O. Box 780, Wilmington, NC 28402  
910 675-5000

October 24, 1996

Mr. R. C. Pierson  
Mail Stop T 8-D-14  
Licensing Branch, NMSS  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Dear Mr. Pierson:

Subject: CaF<sub>2</sub> Removal Plan

- References:
- 1) Docket #70-1113, License Number SNM-1097
  - 2) Letter, JF Klapproth to RC Pierson, Dated 3/24/95
  - 3) Submittal, JF Klapproth to RC Pierson, Dated 5/4/95
  - 4) Letter, KK McDaniel to JF Klapproth, Dated 7/6/95
  - 5) Letter, JF Klapproth to KK McDaniel, Dated 9/20/95
  - 6) Letter, RC Pierson to RJ Reda, Dated 1/5/96
  - 7) Letter, KK McDaniel to RJ Reda, Dated 3/20/96
  - 8) Submittal, RJ Reda to RC Pierson, Dated 3/27/96
  - 9) Submittal, RJ Reda to RC Pierson, Dated 9/13/96

On October 10, 1996, Messrs. S. P. Murray and D. W. Brown of GE's Nuclear Energy Production facility conducted a conference call with Mr. M. A. Lamastra of the NRC licensing branch. The purpose of the call was to provide additional information relating to GE's September 13, 1996 submittal pursuant to 10 CFR 70.38.

Mr. Lamastra had four questions for which he requested further information. Listed below are the questions and our response:

- 1) QUESTION - If GE does not opt for final closure of the central fluoride area at this time, when will final closure take place?  
  
RESPONSE - GE plans to close this area at the time of plant decommissioning.
- 2) QUESTION - When will the Calcium Fluoride (CaF<sub>2</sub>) in the central area be removed?  
  
RESPONSE - The current schedule is for removal of CaF<sub>2</sub> in the central storage area to begin excavation in the first quarter of 1997, and continue through 1997, and into 1998, if needed.

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3) QUESTION - What will be the approximate contamination levels in the central area after the  $\text{CaF}_2$  has been removed?

RESPONSE - It is estimated that the average contamination levels in the soils immediately adjacent (1-2 feet) to the areas where  $\text{CaF}_2$  is to be removed will average  $<200$  pCi/gr.

4) QUESTION - What are the estimated dose rates before and after the  $\text{CaF}_2$  removal?

RESPONSE - Current readings of the  $\text{CaF}_2$  indicate a range of 0.05 - 0.08 mR/hr at a distance of one meter at several locations within the  $\text{CaF}_2$  storage area. Around the immediate boundary (at approximately five yards from the edge of the  $\text{CaF}_2$  storage area), readings are 0.05 mR/hr at a distance of one meter.

After  $\text{CaF}_2$  removal, dose rates are estimated to be at background for that area; 0.02 - 0.05 mR/hr at a distance of one meter.

Please contact Dave Brown on (910) 675-6745 or me on (910) 675-5889, if you have any questions or would like to discuss this matter further.

Sincerely,

GE NUCLEAR ENERGY



R. J. Reda, Manager  
Fuels and Facility Licensing

/zb

cc: RJR-96-119