



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

~~SECRET~~  
TERA

March 22, 1979

Docket No. 50-321  
and 50-336

MEMORANDUM FOR: Thomas A. Ippolito, Chief, ORB #3, DOR

FROM: David M. Verrelli, Project Manager, ORB #3, DOR

SUBJECT: SUMMARY OF MEETING WITH GEORGIA POWER COMPANY ON  
RADIOLOGICAL EFFLUENT SPECIFICATIONS FOR HATCH UNIT  
NOS. 1 AND 2

On March 16, 1978 members of the staff met with representatives of Georgia Power Company (licensee) in Bethesda, Maryland to discuss the licensee's submittal (December 21, 1978) for incorporating radiological effluent requirements into the Technical Specifications for Hatch Unit Nos. 1 and 2. The purpose of the meeting was to discuss the licensee's submittal with the objective of reaching final resolution on the content of radiological effluent Technical Specifications or to identify those items where information is needed to complete staff review.

A summary of the meeting follows:

- A. The staff indicated that it had not yet completed its review of the radiological assessment portion of the licensee's submittal (e.g., Section on Radiological Environmental Monitoring Program). The discussions at the meeting were limited to radiological effluents and effluent treatment. The staff agreed to provide comments on the licensee's Radiological Environmental Monitoring Program and the Offsite Dose Calculation Manual.
- B. The staff provided for discussion a working copy of draft Technical Specifications for Hatch which incorporated the licensee's suggestions with which the staff agrees; those specifications that the staff requires and the licensee has not provided adequate justification for deletion/revision; and changes from the staff's sample specifications (NUREG-0473) based on recent reviews.
- C. The staff identified 7 substantive areas of the licensee's submittal which need revision or justification for deviation from the sample specifications:

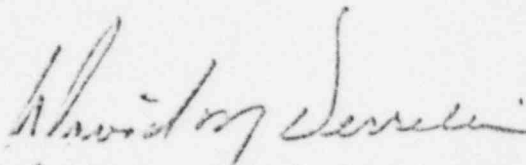
7904090292

1. The licensee stated that he is currently studying the practicality of upgrading his solid waste system and that Technical Specifications on such a system is premature. The staff indicated that as a minimum the licensee should provide a Process Control Program for his currently installed system.
2. The licensee's proposed limits (T.S. 3.11.1.3) to indicate when the liquid radwaste treatment system would be put in service are a factor of 6 higher than the staff's stated limits. The licensee should agree with the staff's limits or provide justification for the higher values.
3. In the licensee's submittal, the ACTION statement associated with dose or dose commitment to an individual (T.S. 3.11.1.2) would provide a cutoff at the end of the calendar year. The staff indicated that the proposal is a significant variation from its position and is not acceptable.
4. The licensee proposed an alternate for assessing gross alpha activity. The alternate would be a calculation of gamma activity times a previously observed ratio of alpha-to-gamma activity. The staff indicated that the licensee would have to provide information to demonstrate that this technique is as good or better than direct measurement of alpha radiation.
5. The licensee's submittal did not include a flow diagram of effluents such as to permit the staff to evaluate which process and effluent monitoring instrumentation should be included in the Technical Specifications. The licensee agreed to provide this information.
6. The licensee's submittal would limit the staff's requirement for Plant Review Board (PRB) review of any unplanned release to the environment to unplanned releases of specified curie levels. The staff indicated that the PRB should review all unplanned releases. Further, the Administrative Controls portion of the Technical Specifications must include a requirement for reporting to the NRC.
7. The staff indicated that the licensee should provide site map(s) that clearly depict: (a) site boundary, (b) points where effluents (liquid and gaseous) are released, (c) information described in Section 2.1.2 of the FSAR and (d) Low Population Zone boundary. The licensee agreed.

T. Ippolito

- 3 -

A list of attendees is attached.

A handwritten signature in cursive script, appearing to read "David M. Verreli".

David M. Verreli, Project Manager  
Operating Reactors Branch #3  
Division of Operating Reactors

Enclosure:  
List of Attendees

MEETING WITH GEORGIA POWER COMPANY

Hatch Unit Nos. 1 and 2

Radiological Effluents

March 16, 1979

NRC

D. Verrelli  
J. Colling  
J. Boegli  
J. Wing  
W. Burke  
H. Krug  
R. Emch

Georgia Power Company

R. Baker  
C. Sya  
W. Rogers  
J. Betsill  
W. Ollinger  
T. Potter (Consultant)

SCS

D. Crove  
J. McLeod