

K. Goller

dated September 27, 1977, and amended by letter dated October 14, 1977, stating their intention to conduct the above action on a voluntary basis but did not consider a revision to the Technical Specifications necessary. Duke also took exception to the recommendation of routine analysis of the oil collection basin outfall for Sr-89 and Sr-90. They considered this analysis necessary only in the event of an inadvertent release. We have evaluated Duke's letters of commitment and discussed the issue with Region II (A. Kowalczyk, Oconee radwaste inspector, and A. Gibson, Section Chief, FFMS Branch). We have determined that the monthly strontium analysis is needed and that Technical Specifications on these items are necessary to assure that I&E has the tools to enforce the objectives of the recommended revisions.

In addition, we have evaluated the Duke Power Company letters of December 2, 1976 and August 4, 1977 which address the Oconee procedure for controlling very low level radioactive resins from the secondary water clean-up system. The Duke procedure prohibits discharge of these resins to the waste water collection basins. The procedure specifies a maximum inventory of radioactivity for the basins to limit the consequences of any potential release of radioactivity from this pathway to a fraction of the Appendix I design objective doses. While the Oconee method of control of very low level radioactive spent resins is acceptable, a revision to the Technical Specifications incorporating the Oconee procedures and maximum radioactivity limits for the discharge of the resins is necessary. Also, a surveillance requirement for an annual sample and radioactive analysis of the waste water basin bottoms is needed to verify the total quantity of radioactivity in the basins. These revisions to the Oconee Technical Specifications will assure adequate processing of radioactive spent resins and adequate control of radioactivity in the waste water collection basins.

As requested by the ORPM, D. Neighbors, a Safety Evaluation is enclosed to support a license amendment incorporating the recommended revisions in the Oconee Technical Specifications.

The appropriate wording and location of the revisions will be worked out between Duke Power and the NRC (D. Neighbors, ORB #1 and J. S. Bland, EEB). Additional discussion on the technical basis of the Technical Specification revision is also provided in the Safety Evaluation.

Original Signed by
Brian K. Grimes

Brian K. Grimes, Chief
Environmental Evaluation Branch

Enclosure:
As stated

cc: V. Stello
D. Eisenhut
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A. Gibson, Region II
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