

JUN 09 1977

MEMORANDUM FOR: Karl R. Goller, Assistant Director for Operating Reactors, DOR

FROM: Brian K. Grimes, Chief, Environmental Evaluation Branch, DOR

SUBJECT: OCONEE 1, 2, 3 - MAXIMUM CONCENTRATION OF RADIOACTIVITY IN LIQUID WASTE (TAR 6406)

PLANT NAME: Oconee Nuclear Station
 DOCKET NUMBERS: 50-269, -270, -287
 RESPONSIBLE BRANCH: Operating Reactors Branch No. 1
 PROJECT MANAGER: J. D. Neighbors
 REQUEST RECEIVED BY EEB: December 1976
 REQUESTED COMPLETION DATE: February 28, 1977
 REVIEW STATUS: EEB - Complete

The Environmental Evaluation Branch has reviewed the November 18, 1976 and April 12, 1977 letters from Duke Power Company (DPC) which contain information on the proposed amendment to Section 3.9 of the liquid effluent Technical Specifications for Oconee Nuclear Station. We have completed our review and evaluation of the proposed changes to specifications 3.9.1.c (Reporting Requirements), 3.9.3 (10 CFR Part 20 Limits), 3.9.4 (10 CFR Part 50.36a), 3.9.6 (General Design Criteria 60 and 64) and 3.9.7 (General Design Criteria 60). Proposed specification 3.9.1.c is only an editorial change (replacing AEC by NRC) and, therefore, we find it acceptable. Proposed specifications 3.9.3, 3.9.4, 3.9.6 and 3.9.7 are not acceptable because these changes would allow releases of radioactive materials in liquid effluents greater than (up to 35 times) the concentrations in water specified in 10 CFR Part 20, Appendix B, Table II, for unrestricted areas.

Enclosure 1 is suitable for inclusion in the safety evaluation for this amendment. Enclosure 2 is the revised Oconee Nuclear Station Technical Specifications. Our safety evaluation is written assuming the licensee will agree to our changes to specification 3.9.7.

Original Signed by
 Brian K. Grimes

Brian K. Grimes, Chief
 Environmental Evaluation Branch
 Division of Operating Reactors

Enclosures:
 As stated

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cc: See following page					
OFFICE >					
Contact: J. Donohew, EEB/DOR					772210342
SURNAME >					
DATE >	28066				

Karl R. Goller

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cc: V. Stello
D. Eisenhut
J. Collins
A. Schwencer
J. Neighbors
E. Adensam
L. Barrett
J. Donohew
Section B/EEB

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SURNAME →	J. Donohew:br	L. Barrett	B. Grimes			
DATE →	6/9/77	6/9/77	6/9/77			