

JUN 26 1975

Daniel R. Muller, Assistant Director for Environmental Projects, RL  
RESPONSE TO TAR NO. 1635 - REQUEST BY DUKE POWER FOR CHANGES TO THE  
OCONEE NUCLEAR STATION APPENDIX B TECHNICAL SPECIFICATIONS

PLANT NAME: Oconee Units 1, 2 and 3  
LICENSING STAGE: Post OL  
DOCKET NUMBERS: 50-269, 50-270 and 50-287  
RESPONSIBLE BRANCH: Environmental Projects Branch No. 2  
PROJECT MANAGER: Mark Au  
DATE REQUEST RECEIVED: June 2, 1975  
DESCRIPTION OF RESPONSE: ESB Comments on Proposed ETS Changes  
REVIEW STATUS: Environmental Specialists Branch Review Complete

We have reviewed the acceptability of the licensee's proposed Appendix B ETS changes for the Oconee Nuclear Station per your request (TAR No. 1635) of June 2, 1975. Duke Power's proposed technical specification changes involve modifications in the following aspects of their current environmental monitoring program:

(1) ETS 1.3.1A Water Quality

The proposed change consists of altering the depths of temperature, dissolved oxygen and biochemical oxygen demand measurements for enhanced compatibility with other program elements and specifying the depths in meters instead of feet.

(2) ETS 1.3.4 Phytoplankton-Zooplankton Receiving Water Studies

The proposed change consists of substituting two fixed monitoring stations in the thermal plume in place of the present two stations which are located at the points where the surface temperature is 0.9 and 0.5 of the temperature excess of the discharge over ambient temperature. It is claimed that it is extremely difficult to remain at the points where 0.9 and 0.5 temperature excesses over ambient surface temperature are located.

(3) ETS 1.3.5 Benthos

The proposed change consists of referring to the Keowee River below Keowee Dam as Lake Hartwell and changing a single benthic sampling station - Station 605 to Station 606. It is claimed that it is

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impossible to sample safely and effectively at Station 605 because of the compact nature of the bottom material and the periodic swift currents.

(4) ETS 1.6 Plume Mapping for Temperature and Dissolved Oxygen

The proposed change consists of deleting the requirement for sampling on a seasonal basis because the conditions during which a sample is required are specified and the sampling will not be strictly on a seasonal basis.

Our review indicates that proposed changes (1) through (4) may be implemented without decreasing the effectiveness of the present monitoring program to detect environmental impacts from Oconee operation. We recommend that the licensee's proposed Appendix B ETS changes be granted. Our review was conducted by John Bolen and John Lehr of the Environmental Specialists Branch.

Original Signed by  
H. R. Denton

Harold R. Denton, Assistant Director  
for Site Safety  
Division of Technical Review  
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