



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

R. Kirkwood

MAY 25 1984

Docket Nos.: 50-424 and 50-425

MEMORANDUM FOR: George F. Ankrum, Chief
Quality Assurance Branch
Office of Inspection and Enforcement

FROM: Robert J. Bosnak, Chief
Mechanical Engineering Branch
Division of Engineering

SUBJECT: APPLICABILITY OF 10CFR50, APPENDIX B TO STRUCTURES,
SYSTEMS, AND COMPONENTS OF VOGTLE ELECTRIC GENERATING
PLANT, UNITS 1 AND 2, DOCKET NOS.: 50-424 AND 50-425

The Mechanical Engineering Branch has reviewed Section 3.2 of the Vogtle FSAR in order to determine the applicability of 10CFR50, Appendix B to the structures, systems, and components of Vogtle Electric Generating Plant, Units 1 and 2.

Our review utilized Regulatory Guide 1.29, Revision 3, "Seismic Design Classification," as the basis for determining the extent to which 10CFR50, Appendix B is applicable to the plant features of the facility.

This review of FSAR Section 3.2 indicates that we require resolution of the comments in Enclosure 1 to assure that the identified items are within the scope of the applicant's Quality Assurance Program and is in compliance with 10CFR50, Appendix B. Our detailed comments are enclosed.

Robert J. Bosnak

Robert J. Bosnak, Chief
Mechanical Engineering Branch
Division of Engineering

Enclosure:
As stated

cc: See next page.

CONTACT: R. Kirkwood, DE:MEB
X28436

05000424/425
840600-165 XA

ENCLOSURE

VOGTLE ELECTRIC GENERATING PLANT UNITS 1 AND 2 DOCKET NOS.: 50-424 AND 50-425

The following comments are based on the MEB review of Table 3.2-1 of the Vogtle FSAR. The review was performed in order to identify those structures, systems, and components that are within the scope of 10CFR50, Appendix B and is applicable to those plant features within the scope of the SGEB, RSB, CMEB, ASB, PSB (except electrical) and MEB. The review does not include plant features within the scope of CSB, ICSB and PSB (electrical).

The following additional items should be identified in the FSAR as within the scope of the applicant's Quality Assurance Program and in conformance with 10CFR50, Appendix B.

- (1) Fabricated supports such as Unistrut or Superstrut that are used to support systems and components identified in Regulatory Guide 1.29.
- (2) Items that are within the scope of Regulatory Position C.2 and C.3 of Regulatory Guide 1.29.
- (3) Reactor coolant pump seals.
- (4) Control rods.
- (5) Control rod drive mechanisms.
- (6) Core support structure.
- (7) Steam generator steam flow restrictors.
- (8) Shell side of letdown heat exchanger of the CVCS.
- (9) Shell side of excess letdown heat exchanger of the CVCS.
- (10) Shell side of seal water heat exchanger of the CVCS.
- (11) Auxiliary component cooling water surge tank.
- (12) Auxiliary component cooling water pumps.
- (13) Nuclear service cooling water tower valve house.
- (14) Containment building polar bridge crane components that perform a safety function.
- (15) Refueling machine.
- (16) Fuel transfer system.