

JUN 18 1984

DISTRIBUTION:
CENTRAL FILE
CPB:r/f
C. BERLINGER
L. PHILLIPS
R. LOBEL
D. FIENO
M. DUNENFELD

MEMORANDUM FOR: E. Adensam, Chief
Licensing Branch #4, DL
FROM: C. H. Berlinger, Chief
Core Performance Branch, DSI
SUBJECT: CPB QUESTIONS ON VOGTLE 1 & 2

Enclosed are the questions on Section 4.2 of the Vogtle 1 & 2 FSAR. These were prepared by PNL on contract B2544 under CPB direction. Please forward these questions to the applicant.

Original signed by
C. H. Berlinger for
C. H. Berlinger, Chief
Core Performance Branch, DSI

Enclosure:
As stated

cc: L. Rubenstein
M. Miller

Contact: M. Dunenfeld, CPB:DSI
X-28097

8406260201 XA

SEE PREVIOUS CONCURRENCE

CPB:DSI MDUNENFELD	CPB:DSI:SL RLOBEL	CPB:DSI:BC CBERLINGER					52
6/11/84 ***	6/18/84	6/12/84					

ENCLOSURE

CORE PERFORMANCE BRANCH QUESTION ON VOGTLE 1 AND 2

- 490.1 The reference in Section 4.2.1.3 for fuel rod models does not appear to be correct. Please confirm that it should be Reference 6 rather than Reference 5.
- 490.2 Verify that the methods and criteria used for the fuel to be used in the Vogtle reactor are those described in WCAP-9400. If this is not so, then provide this information as delineated in Section 4.2 of the SRP for the fuel design basis and design evaluation.
- 490.3 (a) Provide the results of the cladding creep collapse analysis for the fuel to be used in Vogtle.
- (b) Verify that the fuel rod internal pressure criterion that the pellet-clad gap not increase when the internal pressure is greater than RCS pressure is satisfied.
- 490.4 The use of the CVCS letdown monitor for detecting fuel rod failures has been explained in the Vogtle FSAR. Is there a definite commitment and plan for the active use of this system to monitor fuel failures, as per SRP Section 4.2?
- 490.5 Does the analysis of the fuel handling accident (Section 15.7.4 of the FSAR) take into account that the peak pellet burnup of approximately 50,000 MWd/tonne of uranium shown on p. 4.2-2 exceeds the value (i.e., approximately 45,000 MWd/t) stated in Footnote a, 3 of Table 15.7.4-2 (Sheet 13 of 13)?