



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

SEP 4 1974

Docket No. 50-346

Richard C. DeYoung, Jr., Assistant Director for LWR's, Group 1, L

DAVIS-BESSE NUCLEAR POWER STATION, DOCKET NO. 50-346

Plant Name: Davis-Besse Nuclear Power Station
Licensing Stage: OL
Docket No.: 50-346
Responsible Branch and Project Leader: LWR 2-3, I. Peltier
Requested Completion Date: September 6, 1974
Applicant's Response Date Necessary for Completion of Next
Action Planned on Project: December 6, 1974
Description of Response: Position Statements
Review Status: Awaiting Information

Adequate responses to the enclosed Position Statements prepared by the Reactor Systems Branch are required before we can complete our review of the subject application. This request supersedes that dated December 21, 1973 and concerns compliance by the applicant with the Codes and Standards Rule, 50.55a of 10 CFR Part 50, System Quality Group Classifications and Seismic Classifications of fluid systems important to safety.

A handwritten signature in cursive script, appearing to read "Victor Stello, Jr.", is written in dark ink.

Victor Stello, Jr., Assistant Director
for Reactor Safety
Directorate of Licensing

Enclosure:
Position Statements

cc: w/o encl.
A. Giambusso, L
W. G. McDonald, L

cc: w/encl.
S. H. Hanauer, DRTA
F. Schroeder, L
A. Schwencer, L
I. Peltier, L
T. Novak, L
R. Kirkwood, L

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DAVIS-BESSE NUCLEAR POWER STATION

DOCKET NO. 50-346

1. Your Seismic Class II classification of those portions of the Component Cooling Water Systems which service: (1) Reactor Coolant Pumps, (2) Letdown Cooler, and (3) Seal Return Cooler is not in agreement with current AEC practice and is unacceptable.

The Regulatory staff considers systems which support other systems important to safety to be also safety-related. Therefore, the Regulatory staff position is that those portions of the Component Cooling Water System which service items (1), (2) and (3) should be classified Seismic Category 1.

2. That portion of the letdown line of the Makeup and Purification System from valves MU83, MU87 and MU 86 through the purification filter, purification demineralizers, makeup filters, seal return coolers, makeup tank to the suction side of the makeup pumps that is classified Quality Group C is not in agreement with current practice and is unacceptable.

The Regulatory staff considers the letdown line of the Makeup and Purification System to be the normal flow path of reactor coolant through the system and important to safety. Therefore, the Regulatory staff position is that the letdown line of the Makeup and Purification System should be classified Quality Group B.

3. Verify that the entire letdown line of the Makeup and Purification System is classified Seismic Category 1.

4. All major components of the Makeup and Purification System identified in Table 9-11 are classified as Seismic Class 1 except the Purification Demineralizer on page 9-66 which is classified Seismic Class II. Review the classification of the Purification Demineralizer.

5. Your response to Question 3.2.3 in Revision 3 to the FSAR is unacceptable since you have not identified where required the component code class.

For example, in Table 9-11 the Spent Fuel Pool Cooling System Pumps are identified as designed, fabricated and tested to code "b" which according to Section 9.0 is ASME Section III, 1971 Edition. This is insufficient, since there are three component code classes in the 1971 Edition of Section III, Classes 1, 2 and 3. Review Table 9-1 and as appropriate include the component code classes.