

January 17, 1985

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO FACILITY OPERATING LICENSE NPF-35

DUKE POWER COMPANY

NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION

SALUDA RIVER ELECTRIC COOPERATIVE, INC.

CATAWBA NUCLEAR STATION, UNITS 1 AND 2

To be incorporated in SSER No. 5

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5 REACTOR COOLANT SYSTEM AND CONNECTED SYSTEMS

5.2 Integrity of Reactor Coolant Pressure Boundary

5.2.4 Reactor Coolant Pressure Boundary Inservice Inspection and Testing

By letter dated January 8, 1985, the licensee submitted Volume 1 of the Inservice Inspection Plan for the Catawba Nuclear Station to address License Condition No. 2.C.(6) in Facility Operating License NPF-31. The licensee indicated the estimated commercial operation date for Unit 1 to be May 1985. The licensee's submittal references Volume 2, "Detailed Inspection Plans for Catawba Unit 1," which is in course of preparation and will be issued at a later date.

The staff has evaluated the licensee's submittal and determined that the Inservice Inspection Program for Unit 1 is not complete and, therefore, is not sufficient to resolve License Condition No. 2.C.(6). The detailed information required to evaluate compliance with 10 CFR 50.55a(g)(4) will be contained in Volume 2. Therefore, the staff retained license condition No. 2.C.(6) with the scheduled completion date changed to May 31, 1985, as agreed upon by the licensee in his January 10, 1985, letter. The bases for this conclusion are as follows:

1. The licensee's complete Inservice Inspection Program will be available for review about the estimated commercial operation date.
2. The staff does not expect that the licensee will be required to perform inservice inspection of welds before the first refueling outage, which is estimated to occur in May 1986.
3. The staff performed a detailed review of the licensee's Preservice Inspection Program and reported the staff's conclusions in Sections 5.2.4 and 6.6 of SSER 2. When the licensee completes Volume 2 of the Inservice Inspection Program and submits this document for review, the staff expects that the majority of the welds required to be examined during the initial 10-year inspection interval will have been examined during the preservice inspection with similar or equivalent examination techniques.

Therefore, the staff finds that extending the submittal date for the Inservice Inspection Program to May 31, 1985, does not represent a significant safety issue.

9 AUXILIARY SYSTEMS

9.5.4 Emergency Diesel Engine Fuel Oil Storage and Transfer System

9.5.4.2 Emergency Diesel Engine Fuel Oil Storage and Transfer System

9.5.4.2(3) Internal corrosion protection for the fuel oil storage tanks

By letters dated October 2, and November 21, 1984, the licensee provided additional data and justification for not providing internal corrosion protection in the diesel generator fuel oil storage tanks.

In the November 21, 1984, letter the licensee committed to perform ultrasonic tank wall thickness measurements at the 10 year internal tank cleaning required by the plant technical specifications. By letter dated December 21, 1984, the licensee changed the above commitment to a proposed surveillance requirement to be included in the plant technical specifications (TS). The staff has reviewed the licensee's data, the justification for not providing corrosion protection and the proposed surveillance requirement together with the fuel oil system design described in the SER. The staff agrees with the licensee that internal corrosion protection will not be required at Catawba. The staff has incorporated the licensee's proposed surveillance requirement into the plant TS.

Therefore, the staff finds that the Catawba fuel oil system design is acceptable. Based on the above evaluation, license condition 18 in the SER has been removed.

15.6 Anticipated Transients Without Scram

By letter dated December 31, 1984, the licensee stated that the scheduled implementation date for the component replacement program for the reactor trip breakers (Item 4.2.4) was incorrectly stated as December 31, 1984, in his November 2, 1984, response. Based on timely receipt of the new Westinghouse manual, the licensee expects implementation of the component replacement program by the end of the first scheduled refueling outage. The staff recognizes that Item 4.2.4 is a low-priority pre-implementation review item and agrees with the new implementation schedule as proposed by the licensee. The staff will condition the full power license to reflect the licensee's submittals dated November 2, and December 31, 1984.

17 QUALITY ASSURANCE

The Atomic Safety and Licensing Board (ASLB), in a Partial Initial Decision (PID) issued on June 22, 1984, required actions to be performed by Duke Power Company and/or staff concerning several areas at Catawba Unit 1. The staff stated in SSER 4 that: "With the exception of the modifications of procedures relative to harassment, the staff's and the licensee's actions have been complete and adequate."

By letter dated December 17, 1984, the licensee has advised the staff that a revised management procedure "Harassment of Employees," was issued on December 1, 1984. The December 17, 1984, letter stated that the revised procedure will be communicated to employees by December 21, 1984.

The staff has determined by inspection that the licensee has implemented Management Procedure No. 8901-0019, Harassment of Employees, dated December 1, 1984, and that this procedure properly addresses the ASLB concerns, including training of licensee personnel.

This issue has been satisfactorily resolved and is further detailed in Inspection Report Nos. 50-413/84-102 and 50-414/84-47.