

5-5-77

Docket Nos. 50-329
50-330

FACILITY: Midland Plant, Units 1 & 2
APPLICANT: Consumers Power Company
SUBJECT: SUMMARY OF MEETING WITH CONSUMERS POWER COMPANY REGARDING
OPERATOR TRAINING AND QUALIFICATIONS

Summary

On April 28, 1977, the NRC staff met with representatives of the Consumers Power Company in Bethesda, Maryland to discuss the operator training and qualification for the Midland Plant.

A list of attendees is enclosed.

Discussion

At the present time, the Consumers Power Company is committed to the training and qualification set forth in Section 12.0 of the PSAR. This commitment requires that operators for a precritical operating license on the Midland Plant will have a Senior Operator's license on the Big Rock Point Nuclear Plant or the Palisades Plant. The licensee intends to submit to the NRC a request for relief from this commitment and a proposed alternative for review and acceptance by the NRC.

The staff indicated at the meeting that: ANSI N-18.1, "Selection and Training of Nuclear Power Plant Personnel," is expected to be issued in 1977; the control room manning requirements are presently unchanged but they may change due to security or fire protection requirements; and the licensee should be assured any candidates for operator license can meet the medical requirements set forth in Regulatory Guide 1.XX - "Medical Certification and Monitoring of Personnel Requiring Operator Licenses for Nuclear Power Plants."

Action

Licensee will submit an alternative to the present BSAR Section 12.0 commitment for the NRC review and approval.

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MIDLAND PLANT UNITS 1 AND 2
EQUIPMENT AND CIRCUIT SEPARATION CRITERIA REVIEW

TAC-3239

I. Scope of Review

Amendment No. 32 to the Midland Plant Units 1 and 2 PSAR, Appendix 8A, documents the applicant's criteria for separation and administrative procedures for Class IE Balance of Plant Equipment and Circuits. Therefore, our review of that appendix and the enclosed results, have been confined to criteria and procedures concerning equipment and circuit separation. Accordingly the results of this review should not be construed as being applicable to any other portion of the PSAR unless noted herein.

II. Additional Information or Clarification Required

1. In Section 2.5 penetration area separation for groups A, C and N and B, D and N are discussed, however there is no mention of separation for group E. If it is possible for group E to feed circuits entering either of the two penetration areas, describe the criteria requirements and implementation that insures a single failure will not prevent the safety or safety-related systems from performing their functions. Provide this information.

2. In Section 2.6.2, "Internal Separation" (regarding the separation of Class IE equipment and circuits internal to control boards),

two separation methods are described; six inch separation or use of barriers. It is noted that the use of analysis to demonstrate the adequacy of any lesser separation is not mentioned as is the case with Class IE to non-IE and Class IE associated circuits to Non-IE. Verify that it is your intent to utilize the criteria of Section 2.6 only, or modify your criteria accordingly.

3. On Figure 8A-1, verify that the ammeter transducer shown is a Class IE device and is within the Class IE boundary.

III. Conclusions

Pending satisfactory resolution of the items under II above, the staff concludes that the information provided in Appendix 8A represents acceptable criteria at the Construction Permit stage, for ensuring separation of the Balance of Plant Class IE equipment and circuits as required by General Design Criterion 3, 17 and 21.