

SAFETY EVALUATION REPORT
DOCKET NO. 50-528/529/530
PALO VERDE NUCLEAR GENERATING STATION, UNITS 1,2,3
GENERIC LETTER 83-28, ITEM 4.5.2
REACTOR TRIP SYSTEM RELIABILITY, ON-LINE TESTING

INTRODUCTION AND SUMMARY

Generic Letter 83-28 was issued by NRC on July 8, 1983, indicating actions to be taken by applicants and licensees based on the generic implications of the Salem ATWS events. Item 4.5 states a staff position which requires on-line functional testing of the reactor trip system, including independent testing of the diverse trip features of the reactor trip breakers, for all plants. Item 4.5.2 requires applicants and licensees with plants not currently designed to permit this periodic on-line testing to justify not making modifications to permit such testing. By letter dated November 3, 1983, the licensee, Arizona Public Service Company, responded to the staff position regarding Item 4.5.2 of Generic Letter 83-28. Our review of this response finds it to be acceptable.

EVALUATION

The licensee states that the Palo Verde design allows on-line testing of the reactor trip system, including independent testing of the undervoltage and shunt trip attachments of the reactor trip breakers.

CONCLUSION

The staff finds that the Palo Verde Nuclear Generating Station, Units 1, 2, 3, is designed to permit on-line functional testing of the reactor trip system, including independent testing of the diverse trip features of the reactor trip breakers. Thus, the licensee meets the staff position of Item 4.5.2 of Generic Letter 83-28.

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