



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO REQUEST FOR RELIEF FROM INSERVICE
INSPECTION REQUIREMENTS FOR SECOND 10-YEAR
INSERVICE INSPECTION INTERVAL
WISCONSIN ELECTRIC POWER COMPANY
POINT BEACH NUCLEAR PLANT UNITS 1 AND 2
DOCKET NOS. 50-266 AND 50-301

Introduction

By letters dated August 20, 1982 and January 19, 1983, the licensee, Wisconsin Electric Power Company, had submitted relief requests for the second 10-year inservice inspection interval. The staff had reviewed the licensee's requests for relief and issued its Safety Evaluation (SE) on March 29, 1984. The staff had granted relief from the examination requirements where we had determined the examination to be impractical to perform and we had denied relief in those cases where the necessary findings could not be made.

By letter dated July 6, 1984, the licensee, submitted supplemental relief requests for the second 10-year inspection interval. In addition, the licensee also provided an amplifying discussion concerning the implementation of previously granted relief from the requirements of 1977 Edition through Summer 1979 Addenda of Section XI of the ASME Code. A partial response to your July 6, 1984 letter was issued on September 10, 1984. The remainder of your relief requests not evaluated in our September 10, 1984 SE are evaluated below.

Evaluation

The requests for relief from certain requirements of Section XI which have been determined to be impractical to perform have been reviewed by the staff as summarized in the tables of Attachment 1.

Based on the review, the staff concludes that relief granted from the examination requirements and alternate methods imposed through this document give reasonable assurance that the piping and component pressure boundary integrity will be maintained.

Conclusion

The staff has concluded, based on the considerations discussed above, that relief granted from the examination and testing requirements and alternate methods imposed through this document give reasonable assurance of the piping and component pressure bound integrity, that granting relief where Code requirements are impractical is authorized by law and will not endanger life or property, or the common defense and security, and is otherwise in the public interest considering the burden that could result if they were imposed upon the facility.

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TABLE 2
CLASS 2 COMPONENTS
(UNITS 1 AND 2)

IWC-2600 ITEM NO.	IWC-2500 EXAM. CAT.	SYSTEM OR COMPONENT	AREA TO BE EXAMINED	REQUIRED METHOD	LICENSEE PROPOSED ALTERNATIVE EXAMINATION	RELIEF REQUEST STATUS
C2.20	C-B	Residual Heat Removal Heat Exchanger	Nozzles RHR-A-N1 RHR-A-N2 RHR-B-N1 RHR-B-N2	Surface and Volumetric	Surface Exam on entire reinforcing plate weld every 10 years. Visual (VT-2) exam for leakage each inspection period during system pressure test.	Granted

TABLE 1
CLASS 1 COMPONENTS
(UNITS 1 AND 2)

IWB-2500-1 ITEM NO.	IWB-2500 EXAM. CAT.	SYSTEM OR COMPONENT	AREA TO BE EXAMINED	REQUIRED METHOD	LICENSEE PROPOSED ALTERNATIVE EXAMINATION	RELIEF REQUEST STATUS
B3.160	B-D	Regenerative Heat Exchanger	Nozzle Inside Radius RHE-N1-IRS RHE-N4-IRS RHE-N5-IRS RHE-N8-IRS RHE-N9-IRS RHE-N12-IRS	Volumetric	None	Granted with conditions see note.

Note: Granted provided that a visual (VT-2) exam for leakage each inspection period during system pressure test. Visual (VT-1) during each inspection interval during hydrostatic test.