



Northern States Power Company

414 Nicollet Mall
Minneapolis, Minnesota 55401-1927
Telephone (612) 330-5500

January 30, 1992

10 CFR Part 50
Section 50.55a(g)

US Nuclear Regulatory Commission
Attn: Document Control Desk
Washington DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket No. 50-282 License No. DPR-42
Docket No. 50-306 License No. DPR-60

Revised Relief Request No. 45
Second Ten-Year Inservice Inspection Interval

NRC Staff review and approval is being requested for revised Request for Relief No. 45, from the requirements of the ASME Boiler and Pressure Vessel Code, Section XI, Inservice Inspection, as specified in the Prairie Island Inservice Inspection and Testing Program for the Second Ten Year Interval. This program was submitted to the Commission on December 30, 1983 and approved by the NRC Staff on December 28, 1984. The revised Relief Request is being submitted in accordance with 10 CFR Part 50, Section 50.55a(g)(6)(i).

The boric acid tanks are being added to Relief Request No. 45. The boric acid tanks are fabricated from piping components or thin plate. The ultrasonic examination of the boric acid tanks will be performed using procedures that comply with Appendix III of the ASME Code Section XI 1980 Edition through the Winter 1981 Addenda for pipe welds.

Relief Request No. 45 is applicable to both Prairie Island Units. Please contact us if you have any questions related to the revised Relief Request.

Thomas M. Parker
Manager
Nuclear Support Services

c. Regional Administrator-III, NRC
NRR Project Manager, NRC
NRC Resident Inspector
State of Minnesota
Hartford Insurance
J Silberg

Attachment: Relief Request #45 - Unit 1
Relief Request #45 - Unit 2

9202030200 920130
PDR ADCK 050002B2
G PDR

AD47

45. REQUEST FOR RELIEF

COMPONENT OR ITEM	CODE CLASS	PROGRAM TABLE	CODE ITEM	EXAM CATEGORY
REGENERATIVE HEAT EXCHANGERS	1	2.1	B2.60	B-A
EXCESS LETDOWN HEAT EXCHANGER	1	2.1	B2.51	B-A
RHR HEAT EXCHANGERS	2	1.10	C1.10	C-A
BORIC ACID TANKS	2	1.10	C1.20	C-A

CODE REQUIREMENT

Ultrasonic examinations shall be conducted in accordance with Appendix III of Section XI or the provisions of Article 5 of Section V.

BASIS

The design requirements for these heat exchangers and tanks resulted in relatively thin wall vessels which permitted them to be fabricated from piping components or thin plate. Therefore, the ultrasonic examination procedure for pipe welds would be more applicable than those for heavy wall vessels.

ALTERNATE

The ultrasonic examination procedures will comply with Appendix III of the 1980 Edition through the Winter 1981 Addenda of ASME Section XI.

SCHEDULE FOR IMPLEMENTATION

December 16, 1983

45. REQUEST FOR RELIEF

COMPONENT OR ITEM	CODE CLASS	PROGRAM TABLE	CODE ITEM	EXAM CATEGORY
REGENERATIVE HEAT EXCHANGERS	1	2.1	B2.60	B-A
EXCESS LETDOWN HEAT EXCHANGER	1	2.1	B2.51	B-A
RHR HEAT EXCHANGERS	2	1.10	C1.10	C-A
BORIC ACID TANKS	2	1.10	C1.20	C-A

CODE REQUIREMENT

Ultrasonic examinations shall be conducted in accordance with Appendix III of Section XI or the provisions of Article 5 of Section V.

BASIS

The design requirements for these heat exchangers and tanks resulted in relatively thin wall vessels which permitted them to be fabricated from piping components or thin plate. Therefore, the ultrasonic examination procedure for pipe welds would be more applicable than those for heavy wall vessels.

ALTERNATE

The ultrasonic examination procedures will comply with Appendix III of the 1980 Edition through the Winter 1981 Addenda of ASME Section XI.

SCHEDULE FOR IMPLEMENTATION

December 21, 1984