

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8904070135 DOC. DATE: 89/03/31 NOTARIZED: NO DOCKET #
FACIL: 50-263 Monticello Nuclear Generating Plant, Northern States 05000263
50-282 Prairie Island Nuclear Station, Unit 1, Northern Stat 05000282
AUTH. NAME AUTHOR AFFILIATION
LARSON, C.E. Northern States Power Co.
RECIP. NAME RECIPIENT AFFILIATION
Document Control Branch (Document Control Desk)

SUBJECT: Responds to NRC Bulletin 88-010, "Nonconforming Molded-Case Circuit Breakers."

DISTRIBUTION CODE: IE21D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 6
TITLE: Bulletin Response 88-10 - Nonconforming Molded Case Circuit Breakers.

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD3-1 LA	1 0	PD3-1 PD	1 1
	STEFANO, J	1 1	DIANNI, D	1 1
INTERNAL:	AEOD/DOA	1 1	AEOD/DSP/TPAB	1 1
	NRR ALEXION, T	1 1	NRR DOEA/GCB 11	1 1
	NRR GILL, A.S.	1 1	NRR GUILLEN, J	1 1
	NRR POTAPOUS, U	1 1	NRR STONE, J.C.	1 1
	NRR/DEST/ADE 8H	1 1	NRR/DEST/ADS 7E	1 1
	NRR/DEST/MEB 9H	1 1	NRR/DOEA/EAB 11	1 1
	NRR/DOEA/GCB 11	1 1	NRR/DREP/EPB 10	1 1
	NRR/PMAS/ILRB12	1 1	NUDOCS-ABSTRACT	1 1
	REG FILE 02	1 1	RES/DSIR/EIB	1 1
	RGN3 FILE 01	1 1		
EXTERNAL:	LPDR	1 1	NRC PDR	1 1
	NSIC	1 1		

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION
LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 26 ENCL 25

A/0-1
cut

R
I
D
S
/
A
D
D
S



Northern States Power Company

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

March 31, 1989

NRC Bulletin 88-10

Director of Nuclear Reactor Regulation
U S Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket Nos. 50-282 License No. DPR-42
50-263 DPR-60

Interim Response to NRC Bulletin 88-10

The purpose of this letter is to provide our response to the requirements of NRC Bulletin No. 88-10: Nonconforming Molded-Case Circuit Breakers (MCCB). This response includes discussions concerning traceability, testing and present status of the molded case circuit breakers under investigation at the Prairie Island Nuclear Generating Plant (PINGP).

PINGP confirms that MCCB's presently maintained as stored spares for future use in safety related applications are:

- a) Manufactured by, and procured from a circuit breaker manufacturer (CBM) under a 10CFR50 Appendix B program, or
- b) Procured from a CMB or others with verifiable traceability to the CBM and upgraded to safety-related by NSP using an acceptable dedication program.

For MCCB's which were formerly maintained as stored spares for safety related applications (whether procured safety-related or commercial grade), Table 1 summarizes the results of PINGP research into MCCB's not traceable to the CBM and purchased prior to August 1, 1988. The following information is included:

- Total number
- Manufacturer
- Model number
- Procurement chain

Table 2 lists all MCCB's with safety-related applications installed in the plant by replacement or modification and purchased between August 1, 1983 and August 1, 1988.

8904070135 890331
PDR ADCK 05000263
Q FDC

IE21
11

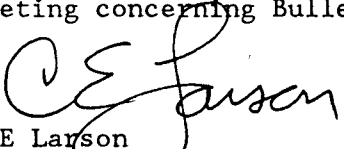
In response to the specific items listed in NRC Bulletin 88-10 the following have been or will be completed:

- Item 1 - Complete. MCCB's maintained as stored spares have been identified. The total number of breakers is 41.
- Item 2 - Six MCCB's are installed in the plant and presently cannot be traced to the CBM. Discussions with CBM (General Electric) for procurement of traceable replacement circuit breakers are ongoing.
- Item 3 - A test program initiated March 13, 1989 has been placed on hold pending review of the NUMARC memorandum of March 9, 1989 (see item 2 above). This memorandum was received at PINGP March 17, 1989, providing insufficient opportunity to respond to the enclosed clarifications.
- Item 4 - Completed, see Table 2.
- Item 5 - See Item 3 above.
- Item 6 - Documentation shall be marked for five (5) year retention.
- Item 7 - Action completed.

Should procurement lead times prevent meeting specified deadlines (April 30, 1989 for Unit 2) an extension is requested per item 5 of "Draft Clarifications submitted to the NRC staff on January 10, 1989," Enclosure 1 to Nuclear Management and Resources Council (NUMARC) memorandum dated March 9, 1989. An acceptable Justification for Continued Operation will be developed for each affected MCCB.

Present plans are to replace rather than test MCCB's depending on results of PINGP procurement efforts. PINGP plans to replace the subject circuit breakers during or before the next planned unit outage after replacements are received.

A representative from Prairie Island will attend the April 10, 1989 NUMARC meeting concerning Bulletin 88-10 to discuss the bulletin's requirements.


C E Larson
Vice President Nuclear Generation

c: Regional Administrator-III, NRC
NRR Project Manager, NRC
Sr Resident Inspector, NRC

Attachment: Affidavit of C E Larson

TABLE 1

CB'S NOT TRACEABLE TO CBM IN ITEM 1 (STORES) OF NRCB 88-10

TOTAL NUMBER IN STORES: 41

MANUFACTURER	MODEL NUMBER	QUANTITY	PROCUREMENT CHAIN
General Electric	TFK 236 125 WL	2	Traceable to shipment from G.E., Chicago, IL Warehouse on 08/18/83
General Electric	THED 136030 WL	3	Traceable to shipment from G.E., Chicago, IL Warehouse on 06/27/85
General Electric	THED 136070 WL	4	Traceable to shipment from G.E., Chicago, IL Warehouse on 02/28/85 and 07/25/86
General Electric	THED 136015 WL	1	Traceable to shipment from G.E., Chicago, IL Warehouse on 10/18/85
General Electric	THED 1360100 WL	1	Traceable to shipment from Graybar Electric Co. on 02/04/84
Westinghouse	HQP 1015	5	Traceable to shipment from Westinghouse Electric Supply Co. on 11/19/80
Westinghouse	QC 2100	1	Traceable to shipment from Westinghouse Electric Supply Co. on 03/19/85
Westinghouse	HQP 1030	4	Traceable to shipment from Westinghouse Electric Supply Co. on 11/25/85
Heinemann	CD 22 26100	1	Traceable to shipment from Solid State Controls, Inc. on 06/20/83

TABLE 1 (contd)

CB'S NOT TRACEABLE TO CBM IN ITEM 1 (STORES) ON NRCB 88-10

MANUFACTURER	MODEL NUMBER	QUANTITY	PROCUREMENT CHAIN
General Electric	THEF 136100	2	Traceable to Discrepancy Report No. 2940 Dated 10/13/87
Westinghouse	QNPL 1020	11 *	Traceable to Discrepancy Report No. 2514 Dated 09/01/86
Westinghouse	QNPL 1030	6	Traceable to Discrepancy Report No. 2514 Dated 09/01/86

* NOTE: Includes one (1) HQNP 1020

TABLE 2

CB's NOT TRACEABLE TO CBM IN ITEM 4 (INSTALLED) OF NRCB 88-10

TOTAL NUMBER INSTALLED: 6

MANUFACTURER	MODEL NUMBER	QUANTITY	PLANT SYSTEM	PROCUREMENT CHAIN
General Electric	THED 136015 WL	1	CVCS - Unit 1	Traceable to shipment from G.E., Chicago, IL Warehouse on 10/18/85
General Electric	THED 136070 WL	1	Pzr Htrs - Unit 1	Traceable to shipment from G.E., Chicago, IL Warehouse on 02/28/85
General Electric	THED 136030 WL	2	11 Battery Chg Feedwater - Unit 2	Traceable to shipment from G.E., Chicago, IL Warehouse on 02/04/87
General Electric	THED 136030 WL	1	SG Blowdown - Unit 1	Traceable to shipment from Lakeland Eng. Co. (Distributor) on 11/26/84
Westinghouse	QC 2100	1	12 Inverter	Traceable to shipment from "WESCO", Distributor on 03/19/85

UNITED STATES NUCLEAR REGULATORY COMMISSION

NORTHERN STATES POWER COMPANY

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

DOCKET NOS. 50-282
50-306

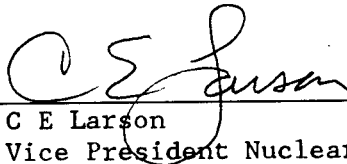
INITIAL RESPONSE TO NRC BULLETIN 88-10

Northern States Power Company, a Minnesota corporation, with this letter is submitting our initial response to NRC Bulletin 88-10 for the Prairie Island Nuclear Generating Plant.

This letter contains no restricted or other defense information.

NORTHERN STATES POWER COMPANY

By


C E Larson
Vice President Nuclear Generation

On this 31 day of March, 1989 before me a notary public in and for said County, personally appeared C E Larson, Vice President Nuclear Generation, and being first duly sworn acknowledged that he is authorized to execute this document on behalf of Northern States Power Company, that he knows the contents thereof, and that to the best of his knowledge, information, and belief the statements made in it are true and that it is not interposed for delay.

