

YANKEE ATOMIC ELECTRIC COMPANY

Telephone (508) 779-6711
TWX 710-380-7619



580 Main Street, Bolton, Massachusetts 01740-1398

November 13, 1989

BYR 89-164

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

References: (a) License No. DPR-3 (Docket No. 50-29)
(b) USNRC Letter to YAEC, dated November 22, 1988
(c) YAEC Letter to USNRC, dated March 31, 1989
(d) USNRC Letter to YAEC, dated August 3, 1989

Subject: Response to NRC Bulletin No. 88-10, Supplement 1, Nonconforming
Molded-Case Circuit Breakers

Dear Sir:

The USNRC in Reference (d), provided Yankee additional guidance on responding to questions contained in NRC Bulletin 88-10, Nonconforming Molded-Case Circuit Breakers, Reference (b). Yankee has decided after reviewing this guidance, to modify its original response to this bulletin provided in Reference (c). The modified response is attached.

We trust this information is satisfactory, however, if you have any questions, please contact us.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY

S. Schultz
Vice President

BLD/b11/0273v

cc: USNRC Regional Administrator Region 1
USNRC Region I
USNRC Resident Inspector, YNPS

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ATTACHMENT A

NRC Bulletin No. 88-10

Each reporting requirement in NRC Bulletin 88-10 is listed below with its specific response, including guidance provided in NRC Bulletin 88-10, Supplement 1:

1. All holders of operating licenses are required to provide a written report by April 1, 1989, that:
 - a. Confirms that only molded-case Circuit Breakers (CBs) that meet the criteria of Item 7 of the actions requested are being maintained as stored spares for future use in safety-related applications.

Response: Yankee is maintaining as stored spares for safety-related applications only CBs that meet the criteria of Action Item 7. Two CBs which passed the tests of NRC Bulletin 88-10 were removed from the stored spares due to Position 5 in NRC Bulletin 88-10, Supplement 1.

- b. Summarizes the total number, manufacturer, model number, and to the extent possible the procurement chain of those CBs that could not be traced to the Circuit Breaker Manufacturer (CBM) in Items 1 and 4 of the actions requested. For installed CBs, also identify each system in which they are/were installed. If Item 4 of the actions requested has not been completed by April 1, 1989, due to the schedule for tests in Item 3 of the actions requested, this information should be updated within 30 days of the completion of Item 4 to address those additional CBs that could not be traced to the CBM.

Response: Summary sheets listing all nontraceable CBs in stock and in service are listed on Attachments A1 and A2. Item 4 of actions requested has been completed by Yankee Atomic Electric Company (YAEC).

- c. Confirms that Items 1, 2, 3, 4, 5, 6, and 7 of the actions requested have been completed or will be implemented as requested.

Response: Action Items 1, 2, 4, 6, and 7 have been completed by Yankee.

Action Item 3 is not applicable to Yankee since less than 80% of stored spare CBs for safety-related use are traceable to the CBM.

Action Item 5 will be completed prior to restart after the 1990 refueling.

ATTACHMENT A1

Safety-Related Molded-Case Circuit Breakers in Service
Not Purchased from Manufacturer

<u>Application</u>	<u>Model</u>	<u>Manufacturer</u>	<u>Supplier</u>	<u>Purchase Order</u>	<u>MPR</u>	<u>Traceable</u>
No. 3 Battery Charger ac	(1)	Westinghouse	Power Conversion Products	QA40351	87-7QA8	Yes (3)
No. 3 Battery Charger dc	(1)	Westinghouse	Power Conversion Products	QA40351	87-7QA8	Yes (3)
VD-MOV-561	F3015	Westinghouse	(2)	(2)	(2)	No
Spare Battery Charger dc	FB2150	Westinghouse	WESCO	QA40337		No
Transformer B Bus	F3050	Westinghouse	(4)	(4)	88-12QA26	No
Y-177 OCB Redundant Trip	FB2050	Westinghouse	WESCO	QA40252	87-3QA7	No
Z-126 OCB Redundant Trip	FB2050	Westinghouse	WESCO	QA40252	87-3QA7	No

Notes:

- (1) Breaker in service and model number not visible.
- (2) Breaker taken from Non-Nuclear Safety (NNS) stock and "grandfathered", original supplier unknown.
- (3) Per purchasing documents from Power Conversion Products.
- (4) Breaker taken from NNS stock and upgraded to Safety Class in accordance with NRC Bulletin No. 88-10. To be replaced during 1990 Refueling Outage.

ATTACHMENT A2

Safety-Related Molded-Case Circuit Breakers In Stock
Not Purchased From Manufacturer

<u>Model No.</u>	<u>Quantity</u>	<u>Manufacturer</u>	<u>Supplier</u>	<u>Purchase Order</u>	<u>MPR</u>	<u>Traceable</u>
FB3030	1	Westinghouse	WESCO/Springfield, MA	257885	78-10QA5	
QO-120	8	Square D	Graybar/Springfield, MA	U-3335	80-1QA1	
FB3100	1	Westinghouse	WESCO/Springfield, MA	U-4007	80-6QA23	
FB3100	1	Westinghouse	WESCO/Springfield, MA	U-4023	80-8QA12	
FB3100	1	Westinghouse	WESCO/Springfield, MA	U-4044	80-9QA5	
QHB-2020	2	Westinghouse	Systems Control Iron Mountain, MI	299675	81-3QA11	Traceable to CBM
FB3110L	1	Westinghouse	WESCO/Springfield, MA	QA40286	87-4QA18	
FB2150	1	Westinghouse	WESCO/Springfield, MA	QA40337	87-6QA14	
BQ2M10000S01	1	ITE	Telemecanique	QA40092	86-9QA10	