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SUBJECT: Responds to NRC Bulletin 88-10 & Suppl 1 re nonconforming
 molded-case circuit breakers.

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DUKE POWER

November 9, 1989

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Washington, D.C. 20555

Subject: **Duke Power Company**
Oconee Nuclear Station - Docket Nos. 50-269, -270, -287
McGuire Nuclear Station - Docket Nos. 50-369, -370
Catawba Nuclear Station - Docket Nos. 50-413, -414

Response to NRC Bulletin 88-10 and Supplement 1 of the Bulletin:
Nonconforming Molded-Case Circuit Breakers

Gentlemen:

By letter dated April 3, 1989 we submitted our initial response to the subject bulletin. On April 24, 1989 we submitted a revised response to correct the reported status of circuit breakers at our Catawba plant. Lastly, we submitted a letter dated July 17, 1989 advising the staff as to the disposition of circuit breakers removed from our warehouse stores as a result of the bulletin.

Subsequently, on August 3, 1989 your staff issued Supplement 1 to the bulletin. As requested by Supplement 1, we have reviewed our responses to the original bulletin and make the following additions/corrections to our previous responses.

Oconee Nuclear Station

In our response of April 24, 1989 we informed the staff of three circuit breakers installed on Unit 1 for which we had performed an operability evaluation per the bulletin. As stated in our response, these breakers will be replaced during the next Unit 1 refueling outage scheduled in 1990.

McGuire Nuclear Station

The following circuit breakers were not previously reported per the bulletin:

- One Westinghouse Model HFB3100 circuit breaker installed in system 2EMXD-3D (CRDM Fan), supplier unknown; and,
- Four Westinghouse Model HFB3090 circuit breakers in warehouse stores supplied by Bryant Supply Company.

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Response to NRC Bulletin 88-10 and Supplement 1
November 9, 1989

The installed circuit breaker was replaced with a circuit breaker that meets the requirements of the bulletin. The other circuit breakers were removed from the safety related warehouse stores. (Reference my letter of July 17, 1989).

In our response dated April 24, 1989 we informed the staff of five circuit breakers (one on Unit 1 and four on Unit 2) that were installed as spares which were removed administratively pending the procurement of acceptable breakers. Two of these breakers have been replaced with acceptable replacements. Three circuit breakers installed as spares remain to be replaced, (one on Unit 1 and two on Unit 2). We also informed the staff of three circuit breakers installed on Unit 2 for which we performed an operability evaluation per the bulletin. These breakers have been replaced with acceptable breakers.

Catawba Nuclear Station

One circuit breaker that had been identified as non-traceable, and which had been successfully tested per the bulletin, was used in a corrective maintenance application. This breaker has been replaced with a circuit breaker that meets the requirements of the bulletin.

In our response dated April 24, 1989 we informed the staff of five circuit breakers that were installed for which we performed an operability evaluation per the bulletin. Of these circuit breakers, four have been replaced with circuit breakers that meet the requirements of the bulletin. One circuit breaker remains installed as a spare which has been administratively removed from service pending the procurement of a replacement. This breaker will be replaced when the replacement breaker is received.

Additionally, for Oconee, McGuire, and Catawba Nuclear Stations, we have reviewed our written responses submitted to the staff in accordance with Bulletin 88-10, to include the information presented above, and verify Duke has met the requirements of the bulletin as clarified by the supplement. We have prepared and retained documentation of our review.

With the exception of the outstanding items as stated in this letter, we have fulfilled all requirements of Bulletin 88-10 and Supplement 1 to the bulletin.

As a result of the NRC bulletin on safety related circuit breakers and the NUMARC initiative on non-safety related circuit breakers, we discovered safety related circuit breaker components and accessories in our warehouse stores at McGuire that appeared to be used or refurbished. Information regarding the McGuire findings was given to the McGuire Senior Resident Inspector and to Mr. R.P. McIntyre of the NRC NRR/RVIB.

U.S. Nuclear Regulatory Commission
Document Control Desk
Response to NRC Bulletin 88-10 and Supplement 1
November 9, 1989

Subsequently, we performed a review of circuit breaker parts at Catawba Nuclear Station and also discovered suspect circuit breaker parts. No suspect parts were discovered at our Oconee Nuclear Station. The following is a listing of the parts discovered.

McGuire Nuclear Station

1. Five Westinghouse 120V Shunt Trip Coils, Model No. 2606D56G19;
2. Four Westinghouse Trip Units, Model No. HLB3200T; and,
3. Four Westinghouse Trip Units, Model No. HLA3200T.

These parts were purchased from WESCO who obtained the breakers from Molded Case Circuit Breaker Company.

Catawba Nuclear Station

1. Two Westinghouse Shunt Trip Devices, Model No. 5365C59G01;
2. Two Westinghouse Trip Units, Model No. HLB24000TM;
3. Two Westinghouse Trip Units, Model No. HLB22250TM;
4. One Westinghouse Trip Unit, Model No. HNB26000TM;
5. One Westinghouse Frame, Model No. LB2400F;
6. One Westinghouse Trip Unit, Model No. HLB2400T; and,
7. One Westinghouse Trip Unit, Model No. HLB3350T.

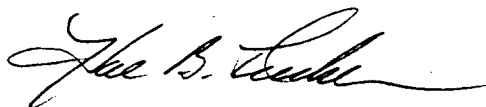
With the exception of item 1, these parts were supplied by the WESCO. The supplier of item 1 is unknown.

The parts listed above for our McGuire and Catawba plants have been removed from warehouse stores. We have established controls to ensure that future purchases of safety-related circuit breaker parts for our nuclear plants are new and traceable to the circuit breaker manufacturer.

I declare under penalty of perjury that all statements and matters set forth herein are true and correct to the best of my knowledge.

If there are any questions, please contact S.E. LeRoy at (704) 373-6233.

Very truly yours,



Hal B. Tucker

sel471

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Response to NRC Bulletin 88-10 and Supplement 1
November 9, 1989

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