

official

AUG 05 1987

Docket Nos. 50-369/370
50-413/414

Mr. H. B. Tucker, Vice President
Nuclear Production Department
Duke Power Company
422 South Church Street
Charlotte, NC 28242

Dear Mr. Tucker:

SUBJECT: REQUEST FOR REACTOR TRIP BREAKER POLE SHAFT

The NRC augmented inspection team which observed the initial investigation of the mechanically bound McGuire Nuclear Station reactor trip breaker, also inspected a reactor trip breaker at Catawba Nuclear Station. The Catawba breaker had a pole shaft which had welds with indications of cracking. Discussions with your staff reached tentative agreement that this shaft would be made available to the NRC for independent documentation of the welds and further evaluations of causes and effects of the weld cracks. This letter is formally requesting your cooperation in this matter. The specifics of our agreement would be that:

- 1). The NRC will contract with Franklin Research Institute to evaluate the pole shaft;
- 2). The NRC invites observation of the evaluation by your staff and that of the breaker vendor.
- 3). A copy of the report will be made available to you upon completion of the evaluation.

Sincerely,

ORIGINAL SIGNED BY
VIRGIL L. BROWNLEE

Luis A. Reyes, Director
Division of Reactor Projects

cc: J. W. Hampton, Station Manager
T. L. McConnell, Station Manager

bcc: (See page 2)

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H. B. Tucker

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bcc:✓K. N. Jabbour, NRR
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