

DUKE POWER COMPANY

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HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

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34 AUG 20 11:28
August 14, 1984

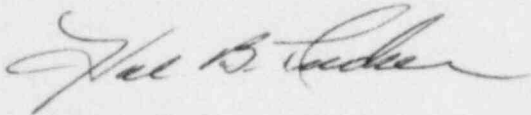
Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Re: RII:PKV/PHS
50-413/84-56
50-414/84-26

Dear Mr. O'Reilly:

Please find attached a response to Violation No. 413/84-56-01, 414/84-26-01 as identified in the above referenced inspection report. Duke Power Company does not consider any information contained in this inspection report to be proprietary.

Very truly yours,



Hal B. Tucker

LTP/slb

Attachment

cc: NRC Resident Inspector
Catawba Nuclear Station

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Catawba Nuclear Station
Response to Violation 413/84-56-01, 414/84-26-01

RESPONSE

1. We admit the violation.

2. CAUSE OF VIOLATION

The cause of the violation was a failure to provide adequate controls to effectively implement appropriate requirements of RECO's and Southern Engineering's Welding Quality Program.

- (a) In RECO's case - Failure to insure that welders and welding inspectors exercised sufficient diligence in assuring the correctness and acceptability of their welds.
- (b) In Southern Engineering's case - Failure to insure that welders and welding inspectors exercised sufficient diligence in assuring the acceptability of their welds.

3. ACTION

- (a) Audits of welding programs as well as increased surveillances were performed, which included meetings with the Vendors QA personnel. As a result, several changes were made by RECO to their welding and quality programs to prevent recurrence of these problems. Southern Engineering qualified their weld inspectors to AWS requirements.
- (b) Increased surveillance activities were performed for the remainder of the contracts, which proved to be effective.
- (c) The stress analysis for the boric acid tank was reviewed and the welds were found to be acceptable to meet design conditions. RECO revised and re-issued their drawing D-76-410 Rev. 5 to show the minimum weld size.

A complete indepth study made on all Nonconformance Item Reports, Shop, and site Surveillance Reports and selected Inspection Reports provided evidence that all RECO supplied tanks have been evaluated.

- (d) All Southern Engineering welds on the remaining frames were inspected. Design Engineering evaluated the conditions reported and concluded the frames were structurally sound as-built.

4. CORRECTIVE ACTION

Southern Engineering has been removed from the Approved Vendors List for nuclear safety related welded fabrication.

All future contracts to RECO will be subject to close surveillance with emphasis on their welding program. This action was carried out on a contract for welded pipe, and is now in use on a contract for tanks. The results have proven to be effective.

5. STATUS

Full compliance with corrective action has been achieved.