

DUKE POWER COMPANY

ELECTRIC CENTER, BOX 33189, CHARLOTTE, N. C. 28242

L. C. DAIL
VICE PRESIDENT,
DESIGN ENGINEERING

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April 15, 1983

SLG-83-363

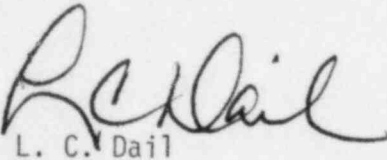
Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, GA 30303

Re: Cherokee Nuclear Station
Unit 1
Docket No. 50-491

Dear Mr. O'Reilly:

Pursuant to 10CFR50.55(e), please find attached Significant Deficiency Report SD-491/83-01 concerning Gulf and Western fittings/material certification irregularities. This Report is being submitted seven days late due to internal administrative difficulties. We regret any inconvenience this delay may cause.

Very truly yours,


L. C. Dail

JAM/pam

Attachment

cc: Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Records Center
Institute of Nuclear Power Operations
1100 Circle 75 Parway, Suite 1500
Atlanta, GA 30339

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DUKE POWER COMPANY
CHEROKEE NUCLEAR STATION
SIGNIFICANT DEFICIENCY

REPORT NUMBER: SD-491/83-01

REPORT DATE: April 15, 1983

FACILITY: Cherokee 1

IDENTIFICATION OF DEFICIENCY: The Gulf & Western (G&W) Bonney Forge facility of Carlinville, Illinois has been noted as upgrading of materials per ASME Section III NCA 3867.4(e) incorrectly. Several areas of concern are involved.

Testing of the starting materials by Bonney Forge on a per piece basis is not accomplished.

Comparison of original CMTR to subcontracted materials test reports was not accomplished by Bonney Forge.

Certified material test reports provided by Bonney Forge for fittings manufactured from materials qualified or attempted to be qualified under the provision of NCA 3867.4(e) did not report check analysis results as per NCA 3867.4(a)(1). (Actual results of all required chemical analysis, tests and examinations).

On two occasions material suppliers stamped the CMTR as being manufactured under a quality program accepted by Bonney Forge although Bonney Forge had not audited these programs.

INITIAL REPORT: These conditions were reported in generalities to Mr. A. Ignatonis, NRC Region II by Mr. W. O. Henry, Duke Power Company, QA Technical Services Manager, General Offices, 422 South Church St., Charlotte, NC 28242, March 11, 1983.

COMPONENT AND/OR SUPPLIER: Deficiencies involve fittings/material manufactured by Gulf & Western - Bonney Forge, West Broad Street, Carlinville, Illinois.

DESCRIPTION OF DEFICIENCY:

(A) Documentation pertaining to fifty-one (51) heat codes were reviewed, sixteen (16) of which were in question. The 16 heat codes represent materials which were not procured as ASME Section III materials and were not upgraded (qualified) in accordance ASME Section III NCA 3867.4(e). Compliance to NCA 3867.4(e) is required if stock material is not being certified as being manufactured under an approved quality program by the manufacturer of the stock materials in question.

(B) In the case of two heats, the comparison of the original CMTR to subcontracted material test reports was not performed properly.

(C) On one heat, all check analysis were not reported.

(D) There were heats where the material supplier stamped the CMTR as being manufactured under a quality program accepted by Bonney Forge.

ANALYSIS OF SAFETY IMPLICATIONS: We have reviewed the necessary documentation and obtained copies, met with manufacturer, performed additional testing, all of which gives us the confidence level needed that the material specification has been met. Therefore, there were no safety implications.

CORRECTIVE ACTION: Meetings and discussions were held with Bonney Forge management regarding their quality program deficiencies, which resulted in the material being nonconformed.

All questionable material has been verified by Duke to be acceptable and NCI will be cleared by May 1, 1983.

Bonney Forge has committed to correct the program deficiencies. In the meantime they have been removed from Duke Power's Approved Vendors List.