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Alabama Power

THE SOUTHERN ELECTRIC COMPANY

F. L. CLAYTON, JR.
Senior Vice President

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July 26, 1979

Docket No. 50-348

Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, N. W. - Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

In response to Item 6 of IE Bulletin 79-13, Alabama Power Company submits the following response.

Item 6: A written report of the results of examinations, in accordance with requests by Regional Offices preceding this Bulletin and with Bulletin items 1 and 2 including any corrective measures taken.

Response: Radiographic and visual examination of the feedwater system at J. M. Farley Nuclear Plant, Unit #1 were completed on July 12, 1979. The following areas were examined:

1. Feedwater nozzle-to-pipe welds
2. Feedwater pipe welds inside containment
3. Auxiliary feedwater piping connection to main feedwater line outside containment
4. T-connection, joining auxiliary feedwater to main feedwater system

Radiography of the feedwater system involved forty-six (46) piping welds inside containment, six (6) piping welds outside containment, and three (3) T-connections outside containment. Specifically, the following is in response to Bulletin Items:

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Item 1.a.:

Radiography was performed on piping welds and on adjacent pipe and nozzle areas to a distance of at least two wall thicknesses whenever possible. Radiography on reducer to pipe welds and nozzle to reducer welds was performed prior to I.E. Bulletin No. 79-13. For this reason, there were minor procedural differences, however, these did not affect the quality of the examination. Radiography technique and evaluation was performed in accordance with ASME Section III, Subsection NC, Article NC-5000 with the exception that 2T penetrameter sensitivity level was used in lieu of Table NC-5111-1.

Item 1.b.:

All welds and pipe-to-nozzle areas were found to be acceptable and showed no indication of cracks.

Item 1.c:

A visual inspection of all feedwater system piping supports and snubbers in containment was made. All pipe supports and snubbers were found to be operable and conformed to the design as shown on the hanger sketch with the exception of one hanger which had a small welded cable tray support attached but not shown on the hanger sketch and two hangers for which the bill of material was incorrect, however, the actual hanger configuration agrees with the sketch. These three discrepancies do not affect the operability of the supports involved.

Item 2.a:

Radiography of the feedwater system was performed as described in Item 1.a. above. In addition, radiography of T-connections (connecting auxiliary feedwater piping to main feedwater line) outside containment was performed using the technique and evaluation described in Item 1.a. and included an area of examination on the main feedwater line downstream of the auxiliary feedwater connection of one pipe diameter. All welds were found to be acceptable and showed no indication of cracks.

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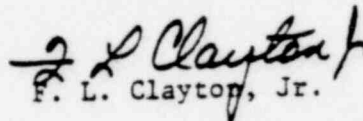
Item 2.b:

Does not apply to J. M. Farley Nuclear Plant, Unit #1.

Item 2.c:

Results were as described in response to Item 1.c. above.

Yours very truly,


F. L. Clayton, Jr.

FLCjr/KAP/mmb

cc: Mr. R. A. Thomas
Mr. G. F. Trowbridge
NRC Office of Inspection & Enforcement
Washington, D. C.

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