TK

Alabama Power Company
600 North 18th Street
Post Office Box 2641
Birmingham, Alabama 35291
Telephone 205 250-1000

F. L. CLAYTON, JR.
Senior Vice President

USNRC REGION II
ATLANTA, GA.

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Alabama Power
the southern electric system

September 26, 1980

Docket No. 50-364

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
101 Marietta Street, N.W.
Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

In response to Item 6 of IE Bulletin 79-13 Rev. 2, Alabama Power Company submits the following response delineating the results of examinations performed on Unit 2 at J. M. Farley Nuclear Plant.

Item 1.a.: Radiographic examination of the feedwater system at J. M. Farley Nuclear Plant, Unit 2, was completed on July 24, 1980. The following areas were examined:

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

Radiography of the feedwater system involved forty-three (43) piping welds inside containment and fifteen (15) piping welds outside containment. The radiographic 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 requirements. Radiography was performed on piping welds and on adjacent pipe and nozzle areas to a distance of at least two wall thicknesses whenever possible.

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 the feedwater system piping supports and snubbers was conducted on September 19, 1980. The inspection was performed in accordance with IE Bulletin 79-13 Item 1.c. as follows:

a. Conformance to design was verified correct in all cases by comparing the latest revision of the hanger design sketch to the actual installation. It should be noted that the inspection program to comply with IE Bulletin 79-14 is not completed for all feedwater hangers inside containment. Six hangers remain to be signed off for engineering review of the existing installation. Should design changes be required by engineering, conformance to design following the field modification will be verified by means of the 79-14 inspection program. Engineering sign-off to satisfy 79-14 requirements will be completed for the feedwater system inside containment prior to fuel load.

b. Operability of snubbers was verified by inspecting each unit to the visual inspection requirements of APCO Startup Procedure for Snubber and Spring Hanger Verification Testing, Generic Component Test FNP-TP-300-3-003. All units except one (FWR4) were found to be acceptable. This snubber had a bent reservoir bracket and a plugged reservoir vent. Both problems were corrected.

Copies of personnel certifications, procedures, and checklists along with the radiographs are on file in the plant document control area.

Yours very truly,

F. L. Clayton, Jr.

FLCJr/JGS:bhj

cc: Mr. R. A. Thomas
Mr. G. F. Trowbridge
Mr. M. D. Hunt