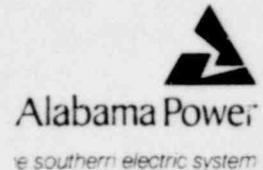


Alabama Power Company
600 North 18th Street
Post Office Box 2641
Birmingham, Alabama 35291
Telephone 205 323-5341

F. L. CLAYTON, JR.
Senior Vice President



June 15, 1979

Docket No. 50-348 & 50-364
Information on PWR Feedwater Lines

Mr. Victor Stello, Jr., Director
Division of Operating Reactor
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Stello:

Enclosed is Alabama Power Company's response to the information request on PWR feedwater lines dated May 25, 1979. This response is for Plant Farley - Units 1 and 2.

Design Item 1: Provide as-built piping on isometric drawings of the feedwater line to steam generator sparger within containment. Show details of the design such as dimensions, pipe schedule, support type and locations, pipe restraints, and valves.

Enclosed are as-built isometrics 186 and 187 with hanger locations for Plant Farley-Unit 1 and isometrics 2-9 and 2-10 with hanger locations for Unit 2. Also enclosed is Rev. 5 to the piping class sheet which describes the type of material used to fabricate the pipe.

Design Item 2: Provide the results of any stress or fatigue analyses which were performed for this system.

Also enclosed are isometrics of Units 1 and 2 with corresponding tables of values for stress points.

Fabrication History:
(Item 1) Supply a list of the materials for the steam generator sparger, steam generator feedwater nozzles and feedwater piping within containment.

Feedwater piping inside containment is schedule 100, SA-106, Grade B. The feedwater ring and thermal sleeve are also made of this material. The feedwater nozzle is made of SA-508, Class 2.

2309 191

Fabrication History:
(Item 2) Provide the details of the welding processes used to make the nozzle-to-pipe, pipe-to-sparger, and piping welds. Include details of welding such as pre-heat, joint configuration (include with or without backing ring), and post-weld treatment, if any.

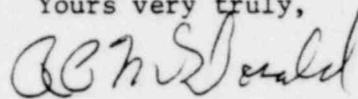
7906190464

Mr. Victor Stello, Jr.
PAGE TWO
June 15, 1979

The details requested above are answered in the attachments on welding procedures.

Based on a telephone conversation with the Region II, I&E Office on 6-8-79, Alabama Power Company decided to perform a radiographic analysis of the welds in question. The welds on all three (3) steam generators between the reducer and nozzle and the reducer and pipe were radiographed. The radiographing showed no flaws in the welds.

Yours very truly,



for F. L. Clayton, Jr.

FLCJr/KAP:bhj

cc: Mr. R. A. Thomas
Mr. G. F. Trowbridge

2309 192