

Alabama Power Company
800 North 18th Street
Post Office Box 2641
Birmingham, Alabama 35291-0400
Telephone 205 250-1837

W. G. Hairston, III
Senior Vice President
Nuclear Operations



Alabama Power
the southern electric system

September 7, 1988

Docket Nos. 50-348
50-364

U.S. Nuclear Regulatory Commission
AITN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

Joseph M. Farley Nuclear Plant - Units 1 and 2
Response to NRC Bulletin No. 88-05: Nonconforming
Materials Supplied by Piping Supplies, Inc. (PSI) at
Folsom, New Jersey and West Jersey Manufacturing
Company (WJM) at Williamstown, New Jersey

NRC Bulletin No. 88-05 requested a report providing a list of WJM and PSI supplied materials installed or to be installed in safety-related systems found to not be in conformance with applicable code requirements or procurement specifications, identifying the applications in which the materials are used, the material specification, nature of component, size, pressure rating and chain of purchase. In addition, confirmation of completion of specified actions for these safety-related materials and commensurate actions for non-safety-related materials was requested. Supplement 1 to this bulletin added the requirement to include test results in the written report and reduced the scope from all WJM and PSI supplied "material" to just "flanges and fittings." Supplement 2 was then issued temporarily suspending most provisions of the bulletin; however, the reporting of results, as of August 3, 1988, is still required.

As of August 3, 1988, Alabama Power Company had performed an extensive review of its procurement documentation for Certified Material Test Reports (CMTRs) related to WJM, PSI and Chevs Landing Metal Manufacturers Incorporated (CLM). Attached is a listing of eight applications, both safety-related (SR) and non-safety-related (NSR), in which documentation for the suspect WJM and PSI material was found. No CLM material was identified.

Alabama Power Company, as a member of NUMARC, has monitored the ongoing NUMARC discussions with the NRC on means by which appropriate testing could be performed for suspect WJM and PSI flanges and fittings. Based upon guidance received at a June 30, 1988 NUMARC workshop, testing of accessible safety-related suspect flanges and fittings was to be performed as follows: hardness testing for carbon steel, magnetic testing for stainless steel. Testing for non-safety-related flanges and fittings was to be performed, if necessary, after the data from all utilities developed in response to the bulletin had been evaluated by NUMARC. Inaccessible flanges and fittings, as provided by the bulletin, would require a justification for continued operation (JCO).

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In accordance with this guidance, Alabama Power Company has taken the following actions:

Inaccessible safety-related flanges

- JCO developed

Accessible safety-related carbon steel flanges

- all flanges replaced and hardness testing performed
- tensile and chemical testing on a sample flange performed

Accessible safety-related stainless steel flanges (Accessible only for limited activities such as magnetic testing)

- magnetic testing on all flanges performed
- tensile and chemical testing on a sample flange of each heat performed

Non-safety-related flanges

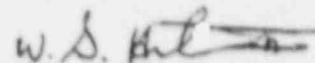
- testing not initiated

The results of all testing performed on the suspect flanges satisfied the applicable material specifications. With the issuance of Supplement 2 to NRC Bulletin No. 88-05 temporarily suspending field measurements, testing, records review and preparation of JCOs, Alabama Power Company considers its actions with respect to this bulletin to be complete pending additional NRC guidance.

If there are any questions, please advise.

Respectfully submitted,

ALABAMA POWER COMPANY



W. G. Hairston, III

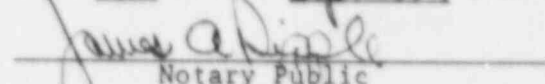
WGH,III/JAR:dst-V8.19

Attachment

cc: Mr. L. B. Long
Dr. J. N. Grace
Mr. E. A. Reeves
Mr. G. F. Maxwell

SWORN TO AND SUBSCRIBED BEFORE ME

THIS 7th DAY OF September, 1988


Notary Public

My Commission Expires: 8-24-92

ATTACHMENT

ITEM NO.	NATURE OF COMPONENT	APPLICATION	QUANTITY	DIAMETER	RATING	ASME/ASTM SPECIFICATION	SR-NSR	CHAIN OF PURCHASE**	TESTING/REMARKS
1.	Flange	Piping on service water return from RCP Motor Air Coolers or BIRS Chillers. FNP 1/FNP 2	11	0.75	150	SA105	NSR	West Jersey/ Capital Pipe & Steel Products/ J. E. Lonergan	No testing, no action necessary. 9 installed, 2 previously disposed. Non-code B31.1 piping.
2.	Flange	A Train Service Water Strainer Backwash Line. FNP 1	12	6.0	150	SA105	NSR	PSI/ Consolidated Power***	No testing, no action necessary. 2 installed, 10 on hold in storeroom. Non-code B31.1 piping.
3.	Flange	RCP Motor Lower Bearing Cooling Water Supply. FNP 1	12	1.0	150	SA105	SR	West Jersey/ Guyon Alloys/ Metal Bellows	No testing, flanges inaccessible - JCD in effect.
4.	Flange	HHSI Pump Cooling Water Supply. FNP 1	15	2.0	150	SA105	SR	West Jersey/ Capital Pipe & Steel Products	All items replaced. Hardness and sample tensile and chemical testing performed with acceptable results.* 12 were installed. 3 spare.
5.	Flange	Test equipment use only.	2	2.0	300	SA105	NSR	West Jersey/ Consolidated Pipe & Supply Co.	No testing, material previously discarded.
6.	Flange	Test equipment use only.	5	0.75	300	SA105	NSR	West Jersey/ Consolidated Pipe & Supply Co.	No testing, material previously discarded.
7.	Flange	Test equipment use only.	3	0.75	1500	SA105	NSR	West Jersey/ Consolidated Pipe & Supply Co.	No testing, material previously discarded.

<u>ITEM NO.</u>	<u>NATURE OF COMPONENT</u>	<u>APPLICATION</u>	<u>QUANTITY</u>	<u>DIAMETER</u>	<u>RATING</u>	<u>ASME/ASTM SPECIFICATION</u>	<u>SR-NSR</u>	<u>CHAIN OF PURCHASE**</u>	<u>TESTING/REMARKS</u>
8.	Flange	Flex hoses on Service Water to Containment Coolers. PNP 1/PNP 2	384	3.0	150	SA182	SR	PSI/ Radnor Alloys/ Metal Bellows	All items received an inplace magnetic test which indicated they were not magnetic. Tensile and chemical testing was performed on a sample of each heat with acceptable results.*

* Acceptable results means material was found to meet specification requirements.

** Source of material.

*** Although the purchase order gives the Company's name as Consolidated Power, the Company is actually Consolidated Pipe and Supply Co.