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Nuclear Generation



Docket Nos. 50-348
50-364

10CFR50.54

June 3, 1988

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

Gentlemen:

Joseph M. Farley Nuclear Plant - Units 1 & 2
Bolt Samples Obtained During
Procurement Inspection Conducted May 11-22, 1987

As described in Alabama Power Company's letter of May 23, 1988, the chromium content in bolt samples SO-18, SO-19, SO-20 and SO-21 and the carbon content in sample SO-18 were to be confirmed by an independent laboratory. This confirmation was to be obtained prior to determining any corrective action.

Attached as Table I are the results of the check analyses of these bolts by PTL Inspectorate, Inc. as well as those reported by the Brookhaven National Laboratory in the NRC's letter dated April 21, 1988. Based on the confirmation by PTL, the chromium content of these bolts is within the standard specification requirements of 0.75% to 1.20%; however, the carbon content for sample SO-18 is below minimum requirements. On this basis samples SO-19, SO-20 and SO-21 are considered satisfactory.

A final report on any corrective actions that are necessary for bolt SO-18 will be submitted to the NRC by July 22, 1988. If there are any questions, please advise.

Respectfully submitted,

W. G. Hairston III

W. G. Hairston, III

Attachment

cc: Mr. L. B. Long
Dr. J. N. Grace
Mr. E. A. Reeves
Mr. W. H. Bradford

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ATTACHMENT

TABLE I

Bolt Sample Analysis

<u>Sample</u>	<u>Bolt Specification</u>	<u>Brookhaven</u>		<u>PTL</u>	
		<u>Cr%*</u>	<u>C%**</u>	<u>Cr%</u>	<u>C%</u>
SO-18	ASTM A193-B7	1.55	0.34	0.85	0.34
SO-19	ASTM A193-B7	1.80		0.97	
SO-20	ASTM A193-B7	1.51		0.95	
SO-21	ASTM A193-B7	1.46		0.87	

* Per ASTM A193-B7, maximum chromium content is 1.25%.

** Per ASTM A193-B7, minimum carbon content is 0.35%.