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Alabama Power  
 the southern electric system

February 5, 1988

Docket Nos. 50-348  
 50-364

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

Joseph M. Farley Nuclear Plant - Units 1 and 2  
Quarterly NPDES Noncompliance Report

Gentlemen:

Enclosed in accordance with the Joseph M. Farley Nuclear Plant Technical Specifications, Appendix B, Section 3.2, is a summary of NPDES noncompliances for the fourth quarter of 1987 as transmitted to the Alabama Department of Environmental Management.

Should you have any questions or comments, please advise.

Yours very truly,

R. P. McDonald

RPM/JAM:emb

Attachment

cc: Mr. W. H. Bradford (w/attachment)  
 Dr. J. N. Grace (w/attachment)  
 Mr. L. B. Long (w/attachment)  
 Mr. E. A. Reeves (w/attachment)

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 PDR ADOCK 05000348  
 R DCD

COOL  
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This table is submitted to fulfill requirements of Part I.B.6 and Part III.0

Farley Nuclear Plant AL 0024619

Discharge Point	Parameter	Permit Limit	Analytical Value	Cause of Noncompliance	Corrective Measures	Test Date	Period of Noncompliance		
							Began	Ended	
Turbine Building Sump Unit 2 (016)	TSS	100 mg/l (Average Limit) 30 mg/l	167 mg/l	Occurred during the draining of portions of Unit 2 circulating water system to the sump for inspection and/or maintenance during the refueling outage.	Our 10/23/87 letter requested ADEM to grant a bypass for this condition. It was determined ADEM will review this condition relative to the next refueling outage and evaluate whether a bypass can be granted for this condition.	10/19/87	10/19/87	Duration (1) was approx- imately 72 hours.	
Sewage Plant (011)	Fecal Coliform	300 org/100 ml	9999 org/100 ml	With the increased flow to the unit during the outage, it is felt under aeration and a low chlorine concentration caused the non-compliance.	Increased the aeration and chlorine addition to offset the increased flow.	11/11/87	11/10/87	11/14/87 (1)	
	BOD	45 mg/l (Daily Average Limit 30 mg/l)	87 mg/l			11/17/87	11/10/87	11/14/87 (1)	

1) Indicates date effluent should have returned within permit limits.