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SUBJECT: Submits NPDES 881129-30 & 1201 compliance sampling insp duplicate sample results. R I

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TENNESSEE VALLEY AUTHORITY

KNOXVILLE, TENNESSEE 37902

50-438
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FEB 08 1989

Mr. Charles Horn, Chief
Water Division
Alabama Department of Environmental
Management
1751 Federal Drive
Montgomery, Alabama 36130

Attention: Ms. Treena G. Piznar and Mr. James M. Moore III

Dear Mr. Horn:

BELLEFONTE NUCLEAR PLANT (BLN) - NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) COMPLIANCE SAMPLING INSPECTION DUPLICATE SAMPLE RESULTS

On November 29, 30, and 31, 1988, Frank North, Lynn Ford, and Phillip Skaggs conducted an NPDES compliance sampling inspection at BLN. During the inspection samples were collected at discharge serial numbers (DSN) 002 (construction holding pond), 003B (operational sewage treatment plant), 003C (desilting basin), and 004 (east culvert pond). BLN received a duplicate sample of each sample collected by the Alabama Department of Environmental Management (ADEM). Analyses for the duplicate samples were performed by the site's chemical laboratory and the TVA laboratory. Analyses for pH were not performed within the required 15-minute holding time since ADEM collected the samples. A pH analysis was not performed on the operational sewage treatment plant samples since the pH analysis is normally performed on a daily basis. The analytical results for the duplicate samples are as follows:

<u>DSN</u>	<u>DATE</u>	<u>pH</u>	<u>TSS(ppm)</u>	<u>O&G(ppm)</u>	<u>BOD(ppm)</u>
002	11-29-88	8.34	8.7	-----	-----
	11-30-88	8.41	4.3	-----	-----
	12-01-88	8.63	4.8	-----	-----
003B	11-29-88	-----	<1.0	-----	1.0
	11-30-88	-----	<1.0	-----	<1.0
	12-01-88	-----	<1.0	-----	1.2
003C	11-29-88	8.03	2.9	2.4	-----
004	11-29-88	8.09	8.6	-----	-----
	11-30-88	8.19	7.5	-----	-----
	12-01-88	8.25	3.6	-----	-----

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PDR ADDCK 05000438
Q PDC

Mr. Charles Horn

FEB 06 1989

If you have questions or need additional information, please contact Abraham H. Loudermilk, Jr., at (615) 632-6656 in Knoxville, Tennessee.

Sincerely,


M. Paul Schmierbach, Manager
Environmental Quality

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