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 50-439 Bellefonte Nuclear Plant, Unit 2, Tennessee Valley Au: 05000439  
 AUTH. NAME: AUTHOR AFFILIATION  
 MILLS, L.M. Tennessee Valley Authority  
 RECIP. NAME: RECIPIENT AFFILIATION  
 EISENHUT, D.G. Division of Licensing

SUBJECT: Forwards 811020. ltr to AL Water Improvement Commission  
 containing addl matl covering preoperational metal cleaning,  
 waste disposal ponds described in engineering rept. Location  
 map showing evaporation/percolation ponds encl.

DISTRIBUTION CODE: B001S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 5  
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NOTES: Photo To: PM

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INTERNAL:	ELO	1 0	HUM. FACT ENG	40 1 1
	I&E	06 3 3	IE/DEP/EPDB	35 1 1
	IE/DEP/EPLB	36 3 3	LIC QUAL BR	32 1 1
	MPA	1 0	NRR/DE/CEB	11 1 1
	NRR/DE/EQB	13 3 3	NRR/DE/GB	28 2 2
	NRR/DE/HGB	30 2 2	NRR/DE/MEB	18 1 1
	NRR/DE/MTEB	17 1 1	NRR/DE/QAB	21 1 1
	NRR/DE/SEB	25 1 1	NRR/DSI/AEB	26 1 1
	NRR/DSI/ASB	27 1 1	NRR/DSI/CPB	10 1 1
	NRR/DSI/CSB	09 1 1	NRR/DSI/ETSB	12 1 1
	NRR/DSI/ICSB	16 1 1	NRR/DSI/PSB	19 1 1
	NRR/DSI/RAB	22 1 1	NRR/DSI/RSB	23 1 1
	NRR/DST/LGB	33 1 1	OP LIC BR	34 1 1
	PROC/TST REV	20 1 1	REG. FILE	04 1 1
	SIT ANAL BR	24 1 1		
EXTERNAL:	ACRS	41 16 16	BNL (AMDTs ONLY)	1 1
	FEMA-REP DIV	39 1 1	LPDR	03 1 1
	NRCI PDRI	02 1 1	NSIC	05 1 1
	NTIS	1 1		

NOV 6 1981

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400 Chestnut Street Tower II

A circular black and white stamp. The outer ring contains numbers 1 through 12. The center text reads "RECEIVED" in large, bold, sans-serif capital letters. Below it, "NOV 02 1981" is stamped in a similar font. At the bottom, "U.S. NUCLEAR REGULATORY COMMISSION" is written in smaller capital letters.

### An Equal Opportunity Employer

OCT 20 1981  
126 Locust Street Building

Alabama Water Improvement Commission  
Public Health Services Building  
Montgomery, Alabama 36130-1701

Attention: Mr. J. P. Martin

Gentlemen:

BELLEFONTE NUCLEAR PLANT - NPDES PERMIT NO. AL0024635

This is in reference to past correspondence and discussions between you and my staff related to our proposed method for treating preoperational metal cleaning wastes at the subject plant. Enclosed for your information is a location map showing the evaporation/percolation ponds as they were constructed. Please note that the location of the smaller pond was changed slightly and the surface area was reduced from that indicated in the engineering report submitted to you on March 13, 1981. The pond location was changed because the existing haul road was straightened since it will become the main entrance from the north when the new security plan for the plant goes into effect. The surface area of the larger pond was increased in order to maintain a combined surface area of ten acres.

The enclosed map also shows the approximate location of the ground water monitoring wells referenced in your letter to me dated April 17, 1981. We initiated the background ground water monitoring program on June 25, 1981. Five weekly samples were collected from each well before any wastewaters were discharged into the ponds. To ensure the well's background water quality characteristics, we analyzed these samples for additional constituents over those requested in your letter to me dated April 17, 1981. The collection dates and data for these samples are given in table 1. We do not believe the data for well B1, collected on July 6, 1981, is representative; however, no reason for the higher values is offered at this time.

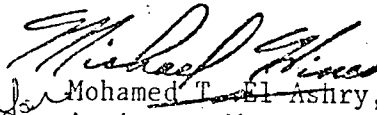
Please note that we are analyzing for total phosphorus to meet your requirement of monitoring for phosphates. Samples collected after July 23, 1981 will only be analyzed for those constituents you requested--total dissolved solids, sulfate, pH, sodium, and total phosphorus. These data will be submitted quarterly with the discharge monitoring report.

OCT 20 1981

Alabama Water Improvement Commission

If you have any questions or comments concerning this program, please call Stephen R. Wells or Michael Hines at FTS 872-8971 or (205) 386-2971 in Muscle Shoals, Alabama.

Sincerely,

  
for Mohamed T. El-Ashry, Ph.D.  
Assistant Manager of Natural  
Resources (Environment)

FAM:SRW:JAG  
Enclosures