



CHEM-NUCLEAR SYSTEMS, INC.

P.O. Box 726 • Barnwell, South Carolina 29812

August 9, 1985

Mr. Robert E. Browning, Director
Division of Waste Management
Office of Nuclear Material
Safety and Safeguards
US Nuclear Regulatory Commission
Washington, DC 20555

WM Record File _____

WM Project _____

Docket No. 27-47

PDR ☒

LPDR ☒

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Dear Mr. Browning:

The following are some comments concerning the draft report entitled Results of Reconnaissance Evaluation of Hazardous Chemical Migration in Ground Water in the Vicinity of Two Low-Level Radioactive Waste Disposal Facilities.

1. Throughout the report, several different sample descriptions are used for individual samples (monitoring wells). For example: WM-0035 is shown as MW-0035 and MW-35. The correct designations for the monitoring wells sampled are WB0102, WB0802, WM0074, WM0035, and WM0039.
2. The Barnwell Site is underlain by a thick sequence of fluvial and marine sedimentary deposits of Quaternary age and older.
3. Couldn't high nitrate values be attributed to past farming activities and on-site annual fertilization of vegetation cover?

The draft report appears to be accurate from what we can determine.

I will look forward to receiving the final version of the report.

Sincerely,

CHEM-NUCLEAR SYSTEMS, INC.

Michael T. Ryan, Ph.D., C.H.P.
Director of Regulatory Affairs

WM DOCKET CONTROL
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cc: H. Shealy, DHEC
D. Ebenhack