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26 January 1984

Mr. Everett Wick
Division of Waste Management
Office of Nuclear Materials, Safeguards
and Safety
Nuclear Regulatory Commission
Washington, D.C. 20555

WM Record File

A-3167

WM Project 10, 11, 16

Docket No.

PDR

LPDR 3, 4, 5

Distribution:

EWICK

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Dear Everett:

Attached are my comments on Draft Technical Position, Vol. 2, Subtask 1.2, Post Emplacement Monitoring, NUREG/CR-3219, by S.V. Panno.

Most of my comments on the body of the report are not serious criticisms, though there is the general appearance that the author may not have been working with reference material explaining DOE's latest thoughts on repository design (e.g., horizontal canister emplacement was not mentioned).

I regret that I have read only as far as page B-15 in the appendix before stopping due to time constraints. At that point it became obvious that there were some shortcomings in the appendices, requiring a fair amount of work to properly review and correct. Reviewers from several areas of expertise will also be required. During our phone conversation in early January we discussed my comments on Appendix B through page B-13. This attachment also includes my comments on Appendix B through the section on Temperature, though I do not consider them complete by any means.

Please contact me if you have questions on the comments or would like further assistance. Our project manager, Dr. Edna Didwall, will be in your area on January 30 and 31, and hopes to be in contact with you at that time.

Sincerely yours,

Eugene P. Binnall
Head of Field Systems Group
Department of Instrument Science
and Engineering

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pc: E. Didwall, LLNL

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