



DOW CHEMICAL U.S.A.

September 18, 1980

LARKIN LABORATORY  
1691 N. SWEDE RD.  
MIDLAND, MICHIGAN 48640

Mr. James R. Miller, Chief  
Standardization and Special  
Projects Branch  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Miller:

Per your request dated June 19, 1980, Dow Chemical U.S.A. has revised the Topical Report entitled, "The Dow System for Solidification of Low-Level Radioactive Waste from Nuclear Power Plants" dated March 1978, to include the information provided in Amendment 01 dated September 1978, Amendment 02 dated November 1978, and Amendment 03 dated February 1979. Special care was taken to assure that all information contained in the original report and each of the amendments was retained during the revision. At the same time it is our intent to provide a smooth flowing, understandable, complete working document, therefore, significant revision of Sections 3, 8, and 10 will be noted.

The accompanying carton marked DOW TRADE SECRETS, DNS-RSS-001-P-A contains 60 copies of the proprietary version of the report. These copies are also marked DNS-RSS-001-P-A and are to be handled in accordance with 10 CFR 2.790 as stated in your letter dated May 23, 1980.

The other carton marked DNS-RSS-001-NP-A contains 25 copies of the non-proprietary version of the report.

Efforts of the U.S. Nuclear Regulatory Commission staff which resulted in completing the review and acceptance of our Topical Report are appreciated. Please contact me if we can be of further assistance.

Sincerely,

*J. B. Owen*

J. B. Owen  
Group Leader  
Solidification Processes R&D  
517-636-2 18

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AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY