



DOW CHEMICAL U.S.A.

September 28, 1984

MIDLAND, MICHIGAN 48640

Mr. G. M. McCann
Nuclear Regulatory Commission
Region III, Materials Licensing Branch
799 Roosevelt Road
Glen Ellyn, IL 60137

LICENSE NUMBER 21-00265-06/CONTROL NUMBER 15934

Enclosed you will find the original and one copy of our type A broadscope byproduct material license renewal application. In the application we have incorporated the changes which were discussed during your visit to Midland and subsequent conversations. This application replaces the license renewal application dated September 27, 1983, in its entirety. Concurrent to the issuance of this license renewal approval, terminate license number SNM-1451.

The discussion in Item 14 has been expanded to include disposal by incineration for byproduct material wastes (e.g., combustible liquids, scintillation vials, etc.) generated at Midland and other subsidiaries or divisions of The Dow Chemical Company. It is estimated that the amount of low level radioactive laboratory wastes from other NRC licensed sites of The Dow Chemical Company will not exceed 100 millicuries per year. These wastes are likely to be limited to carbon-14 and hydrogen-3. This amount of radioactive waste will not significantly impact the overall Midland low level radioactive waste incineration operation.

If subsequent information is required, feel free to contact G. W. Engdahl at telephone number 517-636-3205. We look forward to hearing from you at your earliest convenience concerning the approval of the license renewal.

L. W. Rampy
Chairman
Radiation Safety Committee
Industrial Hygiene Laboratory
(517)636-6260

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Enclosures

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