



THE DOW CHEMICAL COMPANY

MIDLAND, MICHIGAN 48640

April 23, 1971

Mr. Robert L. Layfield
Materials Branch, Division of
Materials Licensing
United States Atomic Energy Commission
Washington, D.C. 20545

Docket No. 40-17

For Div of Compliance

Dear Mr. Layfield:

It has become apparent that in anticipating industrial cleaning work, The Dow Chemical Company will find it necessary to do analytical and testing procedures in the development of steps necessary to the success of specific jobs. As such, The Dow Chemical Company wishes to amend License STB527 to state that "The Dow Chemical Company may receive and possess special nuclear material at its Midland, Michigan 48640 Location up to 20 grams of U-235, or 20 grams of U-233, or 20 grams of Pu, or any combination of them in accordance with the following formula:

grams contained U-235 + grams contained U-233 + grams contained Pu
20 + 20 + 20

is less than, or equal to, 1.

All conditions as stated in 10CFR70, Special Nuclear Material, and 10CFR20, Standards for Protection Against Radiation and the radiological safety procedures and limitations as spelled out in STB527 shall be followed.

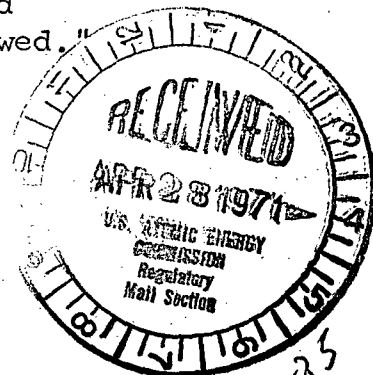
An early response to this request would be greatly appreciated. The \$40 fee is enclosed.

Sincerely yours,

Handwritten signature of W. Otis Heath

W. Otis Heath
Corporate Statistician
2020 Dow Center

Enc.



sjl

A-35

MAY 11 1971

2071