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Docket No. 50-54

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Mr. James McGovern
Business Manager of Radiochemicals
Union Carbide Subsidiary 2, Inc.
Medical Products Division
P. O. Box 324
Tuxedo, New York 10987

Dear Mr. McGovern:

D. Eisenhut/R. Purple

T. Novak J. Souder I&E MPA

T. Barnhart (4)
W. Miller
W. Jones (1)

The Commission has issued the enclosed Amendment No. 18 to Facility Operating License No. R-81 for the Union Carbide Subsidiary B, Inc., reactor facility. The amendment consists of a change to the Technical Specifications in response to your application dated May 7, 1982.

This amendment increases the amount of coolant used for the experiments when fueled targets are utilized. The amount of coolant flow through the experiments will be in a ratio commensurate with the ratio of power from the experiments and the core.

A copy of the Safety Evaluation is also enclosed.

Sincerely,

Harold Bernard, Acting Branch Chief Standardization & Special Projects Branch Division of Licensing

Enclosures:

1. Amendment No. 18

Safety Evaluation

cc: w/enclosures See next page

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HBernard PAnderson Thovak

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USGPO: 1981-335-960

cc w/enclosure(s):

Mr. Marcus H. Voth Manager of Nuclear Operations Union Carbide Nuclear Center Union Carbide Corporation P.O. Box 324 Tuxedo, New York 10987

Director, Technical Development Programs State of New York Energy Office Agency Building 2 Empire State Plaza Albany, New York 12223

New York State Department of Environmental Conservation ATTN: Director, Office of Environmental Analysis Albany, New York 12201