



DOW CHEMICAL U.S.A.

50-29
25

October 20, 1982

MICHIGAN DIVISION
MIDLAND, MICHIGAN 48640

James R. Miller, Chief
Standardization & Special Projects
Division of Licensing
U.S.N.R.C.
Washington, D.C. 20555

Dear Sir:

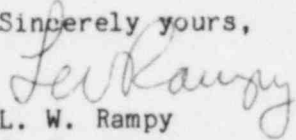
During the afternoon of Wednesday, October 6, 1982 the Dow TRIGA reactor was operated for a period of about one hour while the pump which is intended to pull air through the Eberline AMS-3 Continuous Air Monitor was not operating. This instrument is required by the license to be operating while the reactor is operating.

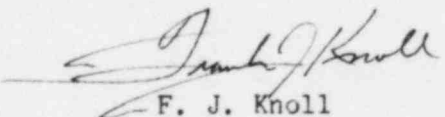
The malfunction was detected during the daily shutdown procedure some 20 minutes after the completion of the reactor operation. The pump has since been repaired, the Continuous Air Monitor has been checked and found to be operating normally, and the reactor has been operated.

We believe that this malfunction did not cause the loss of any significant signals since: (a) the Area Monitor, also in the reactor room, did not alarm, and (b) the successful operation of the TRIGA reactor after repair of the pump did not indicate any leakage of airborne radioactive materials.

The Reactor Operations Committee will meet to consider possible changes of procedures or equipment which might help eliminate recurrence of this problem.

Sincerely yours,


L. W. Rampy
Chairman,
Radiation Safety Committee
1803 Building


F. J. Kroll
Chairman,
Reactor Operations Committee
1602 Building

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cc: Office of Inspection and Enforcement
U.S.N.R.C. Region III
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AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY

