

Docket No. 50-264

May 8, 1989

Dr. Charles W. Kocher
Reactor Supervisor
1602 Building
Chemical Research Center
Dow Chemical Company
Midland, Michigan 48674

Dear Dr. Kocher:

SUBJECT: ISSUANCE OF AMENDMENT NO. 5 TO FACILITY OPERATING LICENSE
NO. R-108 - DOW CHEMICAL COMPANY

The Nuclear Regulatory Commission has issued Amendment No. 5 for Facility Operating License No. R-108 for the TRIGA research reactor at the Dow Chemical Company in response to the application for renewal dated November 14, 1986 as supplemented on June 2, 1987, August 14, 1987, April 29, 1988 and January 10, 1989. This amendment renews the operating license for twenty years from its date of issuance and authorizes a power increase from 100 to 300 kilowatts (thermal).

In accordance with our practice, we have restated the license in its entirety, incorporating all the changes and amendments made since the issuance of the original license.

Enclosed with the amended license is a copy of the Notice of Renewal that is being sent to the Office of the Federal Register for publication, the Environmental Assessment, and the Safety Evaluation Report (NUREG-1312) associated with the renewal.

Sincerely,

M.J. Virgilio for

Gary M. Holahan, Acting Director
Division of Reactor Projects - III, IV,
V and Special Projects
Office of Nuclear Reactor Regulation

8905190206 890508
PDR ADCK 05000264
P PNU

Enclosures:

1. Amendment No. 5
2. Notice of Renewal
3. Environmental Assessment
4. Safety Evaluation Report
(NUREG-1312) - 10
5. Environmental Considerations

cc w/enclosures:

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EHylton

(LTR TO DR. CHARLES KOCHER)

*See Previous Concurrence

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EHylton AAdams:cw CMiller

03/28/89 03/28/89 03/30/89

EButcher
AAdams
LRubenstein
GHolahan
OGC-ROCK

GPA/PA
EJordan
BGrimes
TBMeek (4)
OPA

ARM/LFMB
ACRS (10)
RDiggs/LTremper
DHagan
WJones

OGC-ROCK*

04/06/89

ADR4
LRubenstein
04/17/89

(A)DRSP
GHolahan
04/17/89

DF01

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Gary M. Holahan, Acting Director
Division of Reactor Projects III, IV,
V and Special Projects
Office of Nuclear Reactor Regulation

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(LTR TO DR. CHARLES KOCHER)

EButcher

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WJones

LA:PDSNP

EHylton

3/26/89

PM:PDSNP

AAdams:CW

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D:PDSNP

CMiller

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NROMNEY

4/6/89

ADR4

LRubenstein

/ /89

(A)DRSP

GHolahan

/ /89



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

May 8, 1989

Docket No. 50-264

Dr. Charles W. Kocher
Reactor Supervisor
1602 Building
Chemical Research Center
Dow Chemical Company
Midland, Michigan 48704

Dear Dr. Kocher:

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Sincerely,

A handwritten signature in dark ink, appearing to read "G. M. Holahan", is written over the typed name.

Gary M. Holahan, Acting Director
Division of Reactor Projects - III, IV,
V and Special Projects
Office of Nuclear Reactor Regulation

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Dow Chemical Company

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cc: Office of the Mayor
202 Ashman
Midland, Michigan 48640

Dr. J. M. Macki, Chairman
Reactor Operations Committee
Dow Chemical Company
1602 Building
Midland, Michigan 48640

Office of the Governor
Room 1 - Capitol Building
Lansing, Michigan 48913