



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

April 17, 2020

Paul J. O'Connor, Ph.D.
Facility Director
Dow TRIGA Research Reactor
The Dow Chemical Company
Building 1602
Midland, MI 48674

SUBJECT: THE DOW CHEMICAL COMPANY – ORDER APPROVING INDIRECT
TRANSFER OF CONTROL OF RENEWED FACILITY OPERATING LICENSE
NO. R-108 FOR THE DOW TRIGA RESEARCH REACTOR (EPID NO. L-2019-
LLM-0004)

Dear Dr. O'Connor:

The U.S. Nuclear Regulatory Commission (NRC) staff has completed its review of the Dow Chemical Company (TDCC) application dated November 22, 2019 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML19330E244), requesting approval of the indirect transfer of control of Renewed Facility Operating License No. R-108 for the Dow TRIGA Research Reactor. The indirect transfer of control resulted from the merger of TDCC with E.I. du Pont De Nemours and Company in August 2017, which established a new parent company, DowDuPont, Inc. Subsequently, in April 2019, Dow, Inc. was formed as a separate company from DowDuPont, Inc. and TDCC became a wholly-owned subsidiary of Dow, Inc.

Enclosure 1 is the Order that approves the indirect transfer of control pursuant to Title 10 of the *Code of Federal Regulations* 50.80, "Transfer of licenses." Enclosure 2 is the NRC staff's safety evaluation (SE) of the indirect transfer of control. The SE will be placed in the NRC public document room and added to the ADAMS Publicly Available Records System Library.

The Order will be forwarded to the Office of the Federal Register for publication. If you have any questions, please contact me at (301) 415-0893, or by electronic mail at Geoffrey.Wertz@nrc.gov.

Sincerely,

/RA Greg Casto for/

Geoffrey A. Wertz, Project Manager
Non-Power Production and Utilization
Facility Licensing Branch
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

Docket No. 50-264
License No. R-108

Enclosures:
As stated

cc: See next page

Dow Chemical

Docket No. 50-264

cc:

Office of the Mayor
333 West Ellsworth
Midland, MI 48640

Office of the Governor
Room 1 – Capitol Building
Lansing, MI 48913

Mr. Scott Bemis, Chair
Radiation Safety Committee
The Dow Chemical Company
Environmental Health and
Safety Responsible Care Leader
1790 Building
Midland, MI 48674

Dr. Wayde Konze
Global Research and Development Director for Analytical Sciences
Chair, Reactor Operations Committee
The Dow Chemical Company
1897 Building
Midland, MI 48667

Test, Research and Training
Reactor Newsletter
Attention: Ms. Amber Johnson
Dept of Materials Science and Engineering
University of Maryland
4418 Stadium Drive
College Park, MD 20742-2115

Radiological Protection Section
Office of Waste Management and Radiological Protection
Michigan Department of Environmental Quality
525 West Allegan Street
P.O. Box 30473
Lansing MI 48909-7973

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DATED: APRIL 17, 2020

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ADAMS Accession No.: Pkg ML20049A026***concurred via e-mail****NRR-106**

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NAME	GCasto	BSmith	GWertz (GCasto <i>for</i>)	
DATE	4/10/2020	4/17/2020	4/17/2020	

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