



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555

September 27, 1988

Docket No. 50-150

Dr. Robert F. Redmond
Executive Director
Engineering Experiment Station
Ohio State University
142 Hitchcock Hall
Columbus, Ohio 43210

Dear Dr. Redmond:

SUBJECT: ISSUANCE OF ORDER MODIFYING LICENSE NO. R-75 TO CONVERT FROM HIGH TO
LOW-ENRICHED URANIUM--AMENDMENT NO. 12 - OHIO STATE UNIVERSITY

The Commission has approved an order modifying Facility Operating License No. R-75--Amendment No. 12--for the Ohio State University Training and Research Reactor facility. The Order modifies the license in accordance with the Commission's regulations, 10 CFR 50.64, which require that a non-power reactor such as yours convert to low-enriched uranium (LEU) fuel under certain conditions. The Order is issued in accordance with 10 CFR 50.64(c)(3) and in response to your submittals dated October 7, 1987 and May 6, 1988. While these submittals contained the necessary information for us to approve the conversion to LEU, we found that some information should be corrected and clarified for the record. Please respond to the statements in Enclosure 4 in this regard within 30 days after receipt of this letter or as indicated by the statement.

The Order will become effective on the later date of either receipt of LEU fuel elements or 30 days following the date of publication of this Order in the Federal Register, provided there are no requests for a hearing. If a hearing is requested, the Order will become effective on the date specified in an order following further proceedings. Please inform me when you receive the LEU fuel elements and when the HEU will be completely removed from the facility.

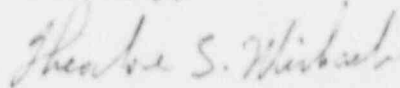
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Enclosed with the Order, which is being sent to the Federal Register for publication, is a copy of the Safety Evaluation and a revised set of Technical Specifications.

Sincerely,



Theodore S. Michaels, Project Manager
Standardization and Non-Power
Reactor Project Directorate
Division of Reactor Projects III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosures:

1. Order or Amendment No. 12
2. Technical Specifications
3. Safety Evaluation
4. Information to be supplied by OSU

cc: See next page

Ohio State University

Docket No. 50-150

cc: Ohio Department of Health
ATTN: Radiological Health
Program Director
P. O. Box 118
Columbus, Ohio 43216

Ohio Environmental Protection Agency
Division of Planning
Environmental Assessment Section
P. O. Box 1049
Columbus, Ohio 43216

Mr. Richard D. Myser
Reactor Operations Manager
Engineering Experiment Station
Ohio State University
142 Hitchcock Hall
Columbus, Ohio 43210

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Dr. Robert F. Redmond

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Sincerely,

/s/

Theodore S. Michaels, Project Manager
Standardization and Non-Power
Reactor Project Directorate
Division of Reactor Projects III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

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cc: See next page

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