

August 26, 1987

Dr. John B. Stohlton
Executive Vice President
Brigham Young University
Provo, Utah 84602

Dear Dr. Stohlton:

SUBJECT: NRC REVIEW OF BRIGHAM YOUNG UNIVERSITY POSSESSION-ONLY AMENDMENT
APPLICATION

We are continuing our review of your application for a "Possession-Only" amendment to your research reactor license. During our review of the information you had submitted, several questions have arisen for which we require additional information and clarification. These questions are based on your application of May 22, 1987. Please provide responses to the enclosed questions within 30 days of the date of this letter. Following receipt of the information we will continue our evaluation of your amendment request. If you have questions regarding this review, please contact me at (301)492-8207.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 95-511.

Sincerely,

Original signed by

Alexander Adams, Jr., Project Manager
Standardization and Non-Power
Reactor Project Directorate
Division of Reactor Projects III, IV,
V and Special Projects
Office of Nuclear Reactor Projects

Enclosure:
As stated

cc w/enclosure:
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

August 26, 1987

Docket No. 50-262

Dr. John B. Stohlton
Executive Vice President
Brigham Young University
Provo, Utah 84602

Dear Dr. Stohlton:

SUBJECT: NRC REVIEW OF BRIGHAM YOUNG UNIVERSITY POSSESSION-ONLY AMENDMENT
APPLICATION

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Sincerely,

A handwritten signature in cursive script, appearing to read "Alexander Adams, Jr.", is written over the typed name.

Alexander Adams, Jr., Project Manager
Standardization and Non-Power
Reactor Project Directorate
Division of Reactor Projects III, IV,
V and Special Projects
Office of Nuclear Reactor Projects

Enclosure:
As stated

cc w/enclosure:
See next page

Brigham Young University

Docket No. 50-262

cc: Mayor of City of Provo
Post Office Box 799
Provo, Utah 84601

Mr. Burton L. Carlson
State Planning Coordinator
State Capitol Building - Room 118
Salt Lake City, Utah 84114

Darrell Warren, Director
Bureau of Radiation Control
150 W. North Temple
Box 2500
Salt Lake City, Utah 84110

Mr. Dwight R. Dixon
Nuclear Facility Chief
Brigham Young University
Provo, Utah 84602

Enclosure

BRIGHAM YOUNG UNIVERSITY

REQUEST FOR ADDITIONAL INFORMATION

1. Please describe the present radiological status of the reactor. Include measured radiation field dose rates and contamination levels.
2. What effect will draining the shield water have on radiation fields due to the storage of the plutonium-beryllium source in the reactor?
3. Justify the substitution of TLD dosimeters for the reactor building radiation and air particulate monitor.
4. Please resubmit your proposed Technical Specifications in the format of ANSI/ANS-15.1-1982, "The Development of Technical Specifications for Research Reactors." Transfer the specifications found in sections 3.C. and 3.D. of Facility License No. R-109 to the Technical Specifications.