

RADIATION CENTER



OREGON STATE UNIVERSITY

Radiation Center A100 Corvallis, Oregon 97331-5903
Telephone 503-737-2341 Fax 503-737-0480

February 24, 1992

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Reference: Oregon State University TRIGA Reactor (OSTR),
License No. R-106, Docket No. 50-243; USNRC Regulation
10 CFR 50.64(c)(2)

Subject: Proposal submitted in response to the Commission's regulations requiring
conversion of the OSTR from high enriched uranium (HEU) fuel to low
enriched uranium (LEU) fuel

Gentlemen:

In accordance with the Commission's regulations contained in 10 CFR 50.64(c)(2), Oregon State University (OSU) hereby submits a proposal describing our current efforts relative to converting the OSTR from HEU fuel to LEU fuel. As stated in the attached letter from the U.S. Department of Energy, dated February 19, 1992, Oregon State University has been informed that Federal Government funding to begin the subject conversion is available during fiscal year 1992. However, the funding is contingent upon OSU's submission of a proposal to the USDOE and their subsequent approval of the proposal. Therefore, at the present time, we are unable to certify that we have Federal Government funding to initiate the conversion process.

As a result of the current notification from the Department of Energy, OSU intends to submit a proposal to the USDOE requesting funds to undertake the fuel conversion effort. When the proposal is funded, as we assume it will be, it is our intention to submit to the NRC a proposed conversion schedule and other necessary information relating to the conversion project, as required by 10 CFR 50.64(c).

If there are questions regarding our current activities under the Commission's regulations in 10 CFR 50.64, please let me know.

Yours sincerely,

A handwritten signature in black ink that reads "A.G. Johnson".

A.G. Johnson
Director

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U.S. Nuclear Regulatory Commission

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cc: Regional Administrator, Region V, USNRC, Walnut Creek, CA
Leroy R. Norderhaug, Region V, USNRC, Walnut Creek, CA
Phil Qualls, Region V, USNRC, Walnut Creek, CA
Al Adams, Project Manager, Non-Power Reactor, Decommissioning, and
Environmental Projects Directorate, USNRC, M.S. OWFN 11-B-20,
Washington, DC 20555
Richard E. Stephens, Associate Director for University & Science Education, Office of
Energy Research ER-80, US Department of Energy, Room 3F-061, 1000
Independence Ave SW, Washington, DC 20585
Keith Brown, Office of Energy Research ER-80, US Department of Energy, Room
3F-061, 1000 Independence Ave SW, Washington, DC 20585
Oregon Department of Energy, Salem, OR, Attn: Mr. David Stewart-Smith
T. V. Anderson, Reactor Operations Committee
S. E. Binney, Chairman, Reactor Operations Committee
Brian Dodd, Reactor Administrator
J. F. Higginbotham, Senior Health Physicist



Department of Energy

Washington, DC 20585

February 19, 1992



Dr. Arthur Johnson
Radiation Center
Oregon State University
Corvallis, Oregon 97331

Dear Dr. Johnson:

This letter is to inform you that funding is available during FY-92 through the U.S. Department of Energy to initiate the conversion of your reactor from H₂O to LEU fuel. It is requested, therefore, that you submit a proposal, including a detailed cost estimate, to accomplish the safety analysis phase of the conversion. The proposal should not include the costs for the new fuel, spent fuel cask rental, or fuel shipping transportation since these tasks are being handled by others.

You are also reminded that technical assistance for safety documentation review and analysis is available through the RERTR program at the Argonne National Laboratory. Your proposal should be coordinated with and reflect the degree of support to be provided by RERTR/ANL.

We would like to receive your proposal by May 1, 1992. Please direct it to:

Dr. Larry L. Barker
Program Manager
Office of University and Science Education Programs
Office of Energy Research
ER-82, Room 3F-061
U.S. Department of Energy
1000 Independence Avenue, SW
Washington, D.C. 20585

If you have any questions please call Keith Brown on (202) 586-3904.

Sincerely,

Richard E. Stephens
Associate Director
Office of University and Science Education
Programs
Office of Energy Research

cc:
Armando Travelli, ANL