

October 22, 1995

U. S. Nuclear Regulatory Commission  
ATTENTION: Document Control Desk  
Washington, D.C. 20555

Subject: Annual Report of Changes, Tests and Experiments Performed  
Under the Provisions of 10 CFR 50.59 for the Oregon State  
University TRIGA Reactor (OSTR), License No. R-106, Docket  
No. 50-243.



OREGON  
STATE  
UNIVERSITY

Radiation Center A100  
Corvallis, Oregon  
97331-5903

The following report is submitted in accordance with the requirements of 10 CFR 50.59(b) and 10 CFR 50.4, and covers the OSTR's annual reporting period of July 1, 1994 through June 30, 1995. The information in this report is compiled annually and is submitted to the USNRC in this specific 10 CFR 50.59(b) report.

During the specified reporting period there were four changes to the reactor facility and four changes to reactor procedures conducted pursuant to 10 CFR 50.59. In addition, there were no changes to a reactor experiment performed under the provisions of 10 CFR 50.59 during the current reporting period.

The individual changes being reported are listed below by category and by title, and are described in more detail in Attachment A. Regarding this attachment, you will note that it includes a brief description of each change followed by a summary of the safety evaluation conducted for the described change. As required, none of the changes performed under the provisions of 10 CFR 50.59 necessitated a change in the OSTR Technical Specifications or involved an unreviewed safety question as defined in 10 CFR 50.59(a)(2).

1. Changes to the Reactor Facility:

There were four changes to the reactor facility during the reporting period.

- a. Upgrade of the Percent Power Channel, Pulsing Channel and the Fuel Element Temperature Test Circuit
- b. Replacement of the Selector Switch for the Fuel Element Temperature Safety Channel
- c. Installation of a 10 MΩ Resistor in the Pulse Monitoring Circuit of the Power Range Monitor
- d. Modification of the Pulse Monitoring Circuit of the Power Range Monitor

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2. 10 CFR 50.59 Changes to Reactor Procedures

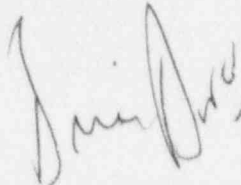
- a. Revisions to the Reactor Operations Committee Charter
- b. Revisions to the Radiation Center and Ostr Emergency Response Plan
- c. Minor Changes to OSTROP 18.0, Procedures for the Approval and Use of Reactor Experiments
- d. Minor Changes to OSTROP 6.0, Administrative and Personnel Procedures and OSTROP 12.0, Control Rod Maintenance, Removal and Replacement Procedures

3. 10 CFR 50.59 Changes to Reactor Experiments

There were no changes to reactor experiments during this reporting period.

We trust that you will find this year's report to be in good order. However, should you require more information or have questions regarding our report, please let me know.

Yours sincerely,



Brian Dodd  
Director, Radiation Center

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Enclosure

cc: Regional Administrator, Region IV, USNRC, Arlington, Texas  
Mr. Al Adams, OSTR Project Manager, USNRC, Washington, D.C.  
Mr. David Stewart-Smith, Oregon Department of Energy, Salem, Oregon  
S. E. Binney, Chairman, Reactor Operations Committee, OSTR  
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