



OREGON STATE UNIVERSITY

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September 22, 1995

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

Reference: Oregon State University TRIGA Reactor (OSTR),
Docket No. 50-243, License No. R-106

Subject: 10 CFR 50.54(q) Report of Changes to the OSTR Emergency Response Plan Which
Do Not Decrease the Effectiveness of the Plan

Gentlemen:

As a result of our annual review of the OSTR Emergency Response Plan, certain changes to the plan were determined to be necessary. (See Attachment A.) This letter represents our formal report of the changes in accordance with 10 CFR 50.54(q). Based on our evaluation of the revisions, which was conducted under the provisions of 10 CFR 50.59, we have concluded that none of the changes reduce the plan's emergency response effectiveness. A copy of this evaluation is enclosed.

All of the changes to the plan, and the 10 CFR 50.59 evaluation supporting the changes have been reviewed and approved by the OSTR Reactor Operations Committee. In addition to the plan itself, a number of conforming changes were made to the Emergency Response Plan Implementing Procedures (ERIPs) in order to keep them up to date.

To make it easy to update your copy(s) of the plan, Attachment B includes all of the current replacement pages for the plan. If you have any concerns or questions about the reported changes to the OSTR Emergency Response Plan, please let me know.

Yours sincerely,

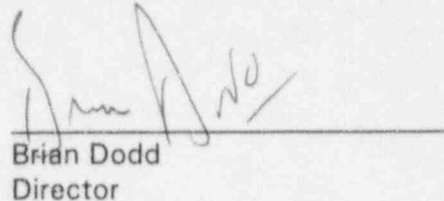
Brian Dodd
Director

cc: Mr. Al Adams, Senior Project Manager, U.S. Nuclear Regulatory Commission,
MS 011B20, Washington, D. C. 20555
Regional Administrator, USNRC, Region IV
Dr. Lawrence Cohen, U.S. Nuclear Regulatory Commission, Emergency Preparedness Branch,
Mailstop 9H15, Washington, D. C. 20555
Oregon Department of Energy, Salem, Oregon, ATTN: Mr. David Stewart-Smith
Prof. S. E. Binney, Chairman, Reactor Operations Committee
Prof. J. F. Higginbotham, Reactor Administrator
Mr. D. S. Pratt, Senior Health Physicist

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Brian Dodd, being first duly sworn on oath, deposes and says that he has affixed his signature to the letter above in his official capacity as Director, Oregon State University Radiation Center; that he has signed this letter supplying information as required by 10 CFR 50.4b(5)(ii); that in accordance with the provisions of 10 CFR 50.30(h), he is attaching this affidavit; that the facts set forth in the within letter are true to his best information and belief.



Shirley Campbell
Notary Public of Oregon

8/28/97
My Commission Expires

**Attachment A: Revisions to the OSU Radiation Center and TRIGA Reactor
Emergency Response Plan - September 1995**

Cover Page

Change the last revision date to "September 1995".

All Changed Pages

Add or change the revision date to "9/95".

Page 3-2, Section 3.1.2.c

Change "Radiation Control Section" to "Radiation Protection Services".

The Oregon Health Division changed the name of this group.

Page 3-13

Change "Radiation Control Section" to "Radiation Protection Services".

Page 3-14

Change "OSHD Radiation Control Section" to "OSHD Radiological Protect. Serv."

Page 7-1 Section 7.1.1.d

Delete "Student Health Center".

This facility is no longer used to support the Radiation Center Emergency plan.

Page 7-2 Section 7.1.2, Area Radiation Monit ~~larn~~

Change "mR/hr⁻¹" to "mR/h" and "R/hr⁻¹" to "R/h".

Page 7-3 Section 7.1.2, Continuous-Air-Monitor or Stack Monitor Alarm, a)

Change the second-through-fourth sentences to read:

"A reactor top continuous-air-monitor (CAM) analyzes the air for particulate radioactivity. It is capable of detecting radioactive material concentrations above normal background starting at about 10^{-10} $\mu\text{Ci cm}^{-3}$. The alarm set points for the particulate channel is typically set at a small percentage of the applicable DAC for radionuclides normally expected"

This change is due to the gaseous channel being placed out-of-service.

Page 7-9 Section 7.2.3, Explosions or Fires, item c

Change the word "wall" to "will".

Page 7-10 Section 7.2.4.e

Change "in- trusion" to "intrusion".

Page 7-13 Section 7.3.2. Loss of Reactor Tank Water, item b and High Radiation Levels at the Site Boundary

Change "mR/hr⁻¹" to "mR/h" and "R/hr⁻¹" to "R/h".

Page 7-14 Section 7.3.2. Elevated Radiological Effluent Discharge to the Unrestricted Area, items a and b

Change " $\mu\text{Ci}/\text{cm}^{-3}$ " to " $\mu\text{Ci}/\text{cm}^3$ ".

Page 7-16 Section 7.3.4

Change "accor- dance" to "accordance".

Page 8-1 Section 8.1.a

Delete the second sentence which begins "The majority of the ...".

This equipment was moved to a different location.

Page 8-2 Section 8.2

Change "representative equipments inventories" to "representative equipment inventories".

Attachment B

OSTR Emergency Response Plan

Replacement Pages