



OREGON STATE UNIVERSITY
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September 11, 2003

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

Reference: Oregon State University TRIGA Reactor (OSTR)
Docket No. 50-243, License No. R-106
OSTR 2001-2002 Annual Report

Subject: Correction to the OSTR July 1, 2001- June 30, 2002 Annual Report

The purpose of this letter is to inform the Commission of an error in the OSTR July 1, 2001 – June 30, 2002 Annual Report. On September 8, 2003 it was brought to our attention that Table IV.C.1, *Unplanned Reactor Shutdowns and Scrams*, was in fact a duplicate (i.e., not updated) of the same table found in the OSTR July 1, 2000 – June 30, 2001 Annual Report. Please replace it with the attached correct table.

If there are any questions regarding the information submitted, please let me know.

I declare under penalty of perjury that the foregoing is true and correct. Executed on: 9-11-03

Sincerely,

A handwritten signature in black ink, appearing to read 'Andrew C. Klein'.

Andrew C. Klein
Director

Attachment

cc: Al Adams, USNRC (w/ enclosure)
Craig Bassett, USNRC (w/ enclosure)
David Stewart-Smith, OOE (w/ enclosure)
Rich Holdren, OSU (w/ enclosure)
John Ringle, OSU (w/ enclosure)
Steve Reese, OSU (w/ enclosure)
Gary Wachs, OSU (w/ enclosure)

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Table IV.C.1**Unplanned Reactor Shutdowns and Scrams**

Type of Event	Number of Occurrences	Cause of Event
Manual SD	1	Equipment. Gaseous scaler count rate indicating 2-3 times normal rate. Amplifier scale switch problems blamed for bad readings.
HV1 Scram	3	Equipment. HV1 scram received during operation at 1 MW. No apparent cause, Fission chamber log recorder verified no transient actually occurred.
Safety Power Scram	1	Operator Error. Rapid transient rod withdrawal following square wave power stabilization at 1 MW.
Manual Scram	1	Equipment. Evidence of Cooling Tower low basin level (secondary pump cavitations) due to stuck closed makeup valve.
Period Scram	2	Equipment. Instrument noise on startup.
Safety Channel Scram	3	Operator Error. Imbalance of power channel detectors followed by reactor tank temperature rise. Lack of proper power level control while increasing power to 1 MW.
Safe, Power and HV1 Scram	1	Operator Error. Improper use of rod curves to determine transient rod height used to set square wave reactivity addition.
Period Scram	1	Operator Error. Improper square wave switch sequence operation during square wave to 1 MW.



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