



Radiation Center

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July 22, 1983

U.S. Nuclear Regulatory Commission
Region V
1450 Maria Lane, Suite 210
Walnut Creek, CA 94596-5768

Attention: Mr. D. J. Willett, Reactor Inspector

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

Dear Mr. Willett:

As agreed in your recent telephone conversation with Dr. Brian Dodd, we would like to inform you of the Reactor Operations Committee (ROC) decision made on July 21, 1983 with respect to the OSTR transient rod.

As you will recall, the annual calibration of the control rods determined the worth of the transient rod to be \$2.55. This is the same as our technical specifications pulse limit and an increase of 3¢. If this trend were to continue and we pulsed with the transient rod carrier fully out, then it is possible that we could exceed our pulsing limit sometime in the next year.

In order to prevent violation of the technical specifications, the ROC decided to set a maximum pulse limit of \$2.52. This has been accomplished as per our technical specifications by a mechanical block and electrical interlock on the transient rod. In addition, until such time as the transient rod worth variation can be predicted, the ROC directed the reactor operations staff to calibrate the transient rod every six months.

In the opinion of the reactor operations staff and the ROC these measures should be sufficient to prevent any unintentional violation of our technical specifications pulse limit.

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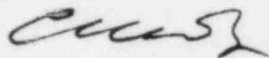
D.J. Willett, USNRC

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July 22, 1983

If you need any further information, please let us know.

Sincerely yours,



C. H. Wang
Reactor Administrator, OSTR
Director, Radiation Center

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cc USNRC, Document Management Branch, Washington, DC
USNRC, Office of Inspection & Enforcement, Washington, DC
Director, Oregon Department of Energy, Salem, OR
A. G. Johnson, Assistant Director, Radiation Center
B. Dodd, Assistant Reactor Administrator, OSTR
T. V. Anderson, Reactor Supervisor, OSTR
S. E. Binney, Chairman, Reactor Operations Committee