

United States Nuclear Regulatory Commission Document Control Desk Washington, DC 20555 Utah Docket 50-407

Attention: Geoffrey Wertz

SUBJECT: Request for the Amendment to the University of Utah TRIGA Reactor Technical Specification 3.5, Ventilation System, Specification 1, and to TS 4.4, Confinement, Basis

Dear Mr. Wertz:

The University of Utah TRIGA Reactor (UUTR) reactor staff request a change to the UUTR Technical Specification (TSs). The TSs submitted for license renewal contained two typographical errors. The pressure difference in the specification in TS 3.5, and in the Basis of TS 4.4 was incorrectly stated as 0.1 inches-of-water instead of the correct value of 0.01 inches-of-water. The requested TS changes are described below and the proposed marked-up TSs are attached to this letter.

UUTR TS 3.5, Ventilation System, Page 26:

Specification 1 currently reads: The pressure difference between the reactor room and outside of the Merrill Engineering Building is larger than **0.1** inches-of-water.

Specification 1 should read: The pressure difference between the reactor room and outside of the Merrill Engineering Building is larger than **0.01** inches-of-water.

UUTR TS 4.4, Confinement, Basis, Page 42:

Currently it reads: The pressure difference between the reactor room and outside of the Merrill Engineering Building should be larger than **0.1** inches-of-water.

This sentence should read: The pressure difference between the reactor room and outside of the Merrill Engineering Building should be larger than **0.01** inches-of-water.

HUDU 1

<u>Explanation:</u>

- The UUTR TSs in place prior to the license renewal review did not provide a specification for the value of the pressure difference in the reactor room. In the proposed license renewal TSs, we added a numerical value to the specification in order to describe the operation of ventilation system more precisely.

<u>Basis</u>

- The proposed value of 0.01 inches-of-water is described in SAR Chapter 9.1.4.1 and was also stated correctly in the Basis of UUTR TS 3.5.
- Historical readings from the pressure gauge are between 0.03 and 0.05 inches-of-water with the ventilation system in operational mode.
- The current TS specification of larger than 0.1 inches-of-water pressure difference is not achievable in the reactor room of the Merrill Engineering Building. Thus, the UUTR is currently not able to operate the reactor.

The reasons described above explain and justify that the correct TS value for the pressure differential is 0.01 inches-of-water, and not 0.1 inches-of-water.

Sincerely

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I declare under penalty of perjury that the foregoing is true and correct.

Executed on --! Signature Date



cc:

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