

February 17, 2005

Dr. Melinda Krahenbuhl
Director of CENTER
122 S. Central Campus Drive, Room 104
University of Utah
Salt Lake City, UT 84112

SUBJECT: UNIVERSITY OF UTAH TRIGA RESEARCH REACTOR EMERGENCY
PREPAREDNESS PLAN SCREENING REVIEW IN ACCORDANCE WITH 10
CRT 50.54(Q) (TAC MC4881)

Dear Dr. Krahenbuhl:

This letter is in response to your September 29, 2004, revision to the University of Utah Center for Excellence in Nuclear Technology, Engineering, and Research (CENTER) Emergency Plan under 10 CFR 50.54(q). In that letter, you stated that the changes do not decrease the effectiveness of the plan.

Our initial review of these changes generated several questions. In accordance with a teleconference on January 28, 2005, with you, we understand that the University of Utah will incorporate the following into their Emergency Plan:

1. Figure 2, "Floor plan of CENTER, including escape routes":
 - a. Include text for Fuel Storage Pits.
 - b. Include text for CF-252 storage.
2. Figure 3: "CENTER Emergency Organization"
 - a. Change "USNRC, Region IV" to "USNRC, Operations Center."
3. Step 3.5, "Authorization of radiation exposures in excess of 10CFR20 limits":
 - a. Revise RS to OEC to be consistent.
4. Step 4.2, "Notification of unusual events"
 - a. Correct the typographical error on the setpoint for the particulate air monitor (add micro symbol back to term)
5. Step 7.2, "Protective Action Values":
 - a. Change the term from 'alert' to a suitable alternative.
6. Step 7.6.3, "Corrective actions for notification of unusual event":
 - a. Return the 'shall' statement for the 'may' statement - "In case of fire or explosion within the CENTER, the Radiological Health Department ~~may~~ shall be notified". The word *may* was erroneously used.

With the incorporation of the above mentioned items, these changes are in accordance with 10 CFR 50.54(q) and do not decrease the effectiveness of the emergency plan.

Should you have any questions concerning this inspection, please contact Marvin Mendonca at 301-415-1128.

Sincerely,

/RA/

Patrick M. Madden, Section Chief
Research and Test Reactors Section
New, Research and Test Reactors Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket No. 50-407

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Karen Langley
Radiation Safety Officer
100 OSH, University of Utah
Salt Lake City, UT 84112

Dr. Ronald J. Pugmire
Assoc. Vice President for Research
210 Park, University of Utah
Salt Lake City, UT 84112

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