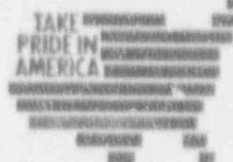




United States Department of the Interior

GEOLOGICAL SURVEY  
BOX 25046 - M.S. 973  
DENVER FEDERAL CENTER  
DENVER, COLORADO 80225



IN REPLY REFER TO

BRANCH OF GEOCHEMISTRY

May 13, 1992

Ref: Docket 50-274

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

Sirs:

Enclosed are three copies of Revision 4 of the Emergency Plan for the U.S. Geological Survey TRIGA Reactor Facility. The plan was revised as permitted by 10 CFR 50.54(g) and this report is submitted accordingly. The USGS Reactor Operations Committee reviewed the changes to the Emergency Plan and found them to not decrease the effectiveness of the plan.

The changed text areas of the plan are marked with a vertical line in the left margins on the respective pages. Explanations of the changes are as follows, with page numbers referring to the Revision 3 copy.

Throughout the document, gender references to personnel were eliminated, e.g. he, his, him, etc.

1. p.2, Section 2. - Added definition of assembly area and made other minor grammar changes.
2. p.3, Section 3.1 - Corrected spelling of "relating".
3. p.4, Section 3.1.1.2 - last paragraph, added "in consultation with the Health Physicist".
4. Figure 4 - Changed solid line from Health Physicist to Reactor Health Physicist to a dashed line. Also clarified Health Physicist to be Central Region Health Physicist.
5. p.7, Section 4.2.3.2 - Clarified "five times this level" to be 500 mrem.

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6. p.13, Section 4.7.1 - Next-to-last paragraph, corrected spelling of "biennially".
7. p.13, Section 4.7.2 - Removed specific review and audit requirements from plan and referenced the Technical Specifications. Also specified that written agreements and call lists will be updated biennially, not to exceed 30 months.

Please contact Tim DeBey at (303) 236-4726 if you have questions regarding this emergency plan revision or need further details.

Sincerely,



David B. Smith  
Reactor Administrator

Copy to:  
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Tim DeBey, USGS, MS 424