

National Aeronautics and
Space Administration

Goddard Space Flight Center
Greenbelt, MD 20771



Reply to Attn of

205.2

May 19, 1994

US Nuclear Regulatory Commission
Washington, DC 20555
Attn: Document Control Desk

SUBJECT: Reply to a Notice of Violation

Ref: Docket No. 030-06929

On March 22, 1994, the NRC conducted a routine safety inspection of the NASA Radiation Effects Facility located at Goddard Space Flight Center. Based on the results of that inspection a Notice of Violation was issued. Pursuant to the provisions of 10CFR2.201, NASA is submitting this statement of explanation.

As stated in the Notice of Violation the reason for these discrepancies was the failure to implement the required changes on July 1, 1993. We can only concur with this finding. After completion and acceptance by the NRC of the following changes to the Radiation Effects Facility, we see no reason why there would be any further cause for future violations.

a. The personnel entrance lock has been replaced so that the same key now controls both the personnel entrance door and the mechanism which controls the movement of the source shield. This was completed on May 4, 1994.

b. An independent backup access control device will be installed at the facility. The design for this system is scheduled for completion by May 20, 1994. The control device is scheduled to be placed in service by July 29, 1994.

c. The radiation monitor in the room has been integrated with the personnel access door lock and will activate an alarm upon attempted entry when radiation levels are high. This was completed on May 2, 1994.

d. A visible and audible alarm system as described in 10CFR36.23(d) will be installed in the facility. The design for this system is scheduled for completion by May 20, 1994. It is scheduled to be placed in service by May 31, 1994.

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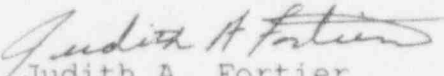
e. A heat and smoke detector system as described in 10CFR36.27(a) will be installed in the radiation room of the facility. The design of this system was completed on May 4, 1994. This system is scheduled for installation by July 29, 1994.

f. A fire extinguishing system as described in 10CFR36.27(b) will be installed in the radiation room of the facility. The design of this system was completed on May 13, 1994. The system is scheduled for installation by July 29, 1994.

g. The key which activates the mechanical/hydraulic system which moves the irradiator shield has now been attached by a cable to a portable radiation survey meter. This was completed on May 6, 1994.

h. A source position indicator as described in 10CFR36.27(b) will be installed on the console. The design for this indicator system is scheduled for completion by May 20, 1994. The indicator is scheduled for installation by May 31, 1994.

If you have any questions please contact me at (301) 286-2281.


Judith A. Fortier
Chairman, Radiation Safety Committee

cc:
205.0/Ronald W. Kaese

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