



Defense Nuclear Agency
6801 Telegraph Road
Alexandria, Virginia 22310-3398



JUL 23 1990

SUBJECT: Future Decommissioning Funds for the AFRRI TRIGA Reactor

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

Dear Sir:

Enclosed is a decommissioning report for the future decommissioning of the TRIGA Mark F nuclear reactor located at the Armed Forces Radiobiology Research Institute (AFRRI), Bethesda, Maryland. The reactor is licensed under U.S.N.R.C. License R-84. This report is required by 10 C.F.R. 50.33k(2) and has been prepared in accordance with the guidance provided in 10 C.F.R. 50.75(d).

As the report indicates, the method of decommissioning selected for planning purposes is the DECON alternative and the estimated cost, in current dollars, is \$3,200,000. This cost estimate is based on actual decommissioning costs for the Diamond Ordnance Radiation Facility (DORF) TRIGA Mark F reactor which was located at Forest Glen, Maryland, before it was decommissioned in 1980; the data presented in NUREG/CR-1756; and low-level waste disposal costs currently charged to the AFRRI Safety and Health Department by the Department of Energy's Barnwell, South Carolina, waste depository site. The cost estimate will be reviewed periodically and, at a minimum, adjusted to account for inflation using the method indicated in Reference 2. The first such review will take place in 1995, approximately five years in advance of the expiration of the current operating license.

Funds for decommissioning will be obtained by the Defense Nuclear Agency when necessary. In accordance with 10 C.F.R. 50.75(f), a preliminary decommissioning plan together with a cost estimate and up-to-date assessments of major technical factors that could effect decommissioning must be submitted approximately five years prior to the start of decommissioning. This five-year period provides ample time within which to request and obtain the Congressional appropriation necessary to accomplish decommissioning. If, for some unforeseen reason, decommissioning is required with less than five years' notice, procedures are available and will be followed to obtain necessary funding.

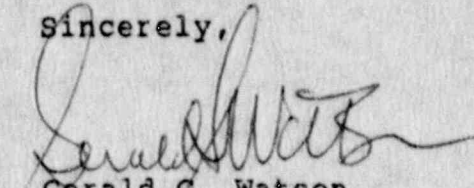
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As Director of the Defense Nuclear Agency, I am the licensee's chief executive officer and accordingly have the authority to execute this statement of intent. As an element of the United States Government, the Defense Nuclear Agency is exempt from fees pursuant to 10 C.F.R. 170.11.

Sincerely,

A handwritten signature in dark ink, appearing to read "Gerald G. Watson", with a stylized flourish at the end.

Gerald G. Watson
Major General, USA
Director