

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

August 17, 1976

Honorable Marcus A. Rowden
Chairman
U. S. Nuclear Regulatory Commission
Washington, DC 20555

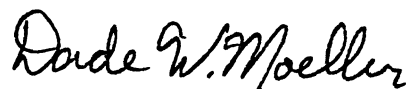
Subject: DESIGN PROVISIONS FOR PROTECTION AGAINST SABOTAGE

Dear Mr. Rowden:

The ACRS has recommended in reports on several projects, as well as in a report to the Commission dated October 14, 1975, that deliberate attention be given to aspects of design that could improve plant protection against sabotage. In its continuing review of this matter, the Committee has had the benefit of studies made by or for the NRC Staff, as well as other information. The ACRS believes that it can now make some specific recommendations regarding studies that should be initiated, as follows:

- 1) studies of the location of the irradiated fuel storage pool with regard to protection against overt action which could lead to a loss of water for cooling and shielding;
- 2) studies of bunkered, dedicated systems capable of accomplishing shutdown heat removal for many hours;
- 3) studies of spatial redundancy and the possible merits thereof.

Sincerely yours,



Dade W. Moeller
Chairman