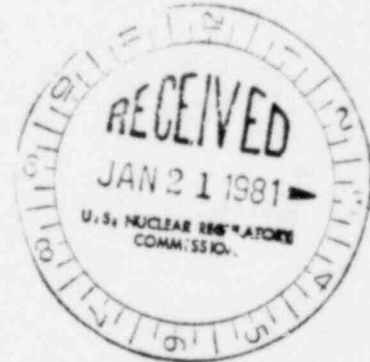




UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
WASHINGTON, D. C. 20555

ACRSR-0910  
POR 1/14/81

January 12, 1981



Dr. Glenn Sherwood, Manager  
Safety and Licensing Operation  
General Electric Company  
175 Curtner Avenue  
San Jose, California 95125

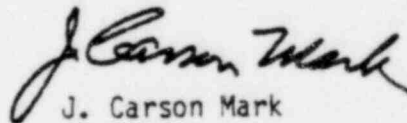
SUBJECT: RELIABILITY OF BWR 5/6 HIGH PRESSURE CORE SPRAY SYSTEM UNDER  
ATWS CONDITIONS

Dear Dr. Sherwood:

In connection with our consideration of your letter of May 30, 1980 we have asked the Nuclear Regulatory Commission Staff for their evaluation of the reliability of the High Pressure Core Spray System of the BWR/5-6 design. Enclosed is their response which indicates a concern about the reliability of the proposed HPCS Systems in connection with injecting water into the pressure vessel under postulated ATWS conditions.

You may therefore want to pursue the question of High Pressure Core Spray System reliability with the NRC Staff.

Sincerely,

  
J. Carson Mark  
Chairman

Enclosures:

1. Memo to R. F. Fraley, from William J. Dircks, dated 11/17/80, Reference: "Reliability of BWR 5/6 High Pressure Core Spray System Under ATWS Conditions".
2. Letter to M. S. Plesset, from G. G. Sherwood, dated 5/30/80, Reference: "Anticipated Transient Without Scram - General Electric Comments on ACRS Letter Dated April 16, 1980".

810202060