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CHAIRMAN PALLIDINO

USNRC

WASHINGTON, DC 20555

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DOCKET NUMBER
PROD. & UTIL. ENG. 50-289...

Dear MR PALLIDINO;

JOCELYN F. OLSEN, ASST ATTY GENERAL FOR MINNESOTA, ANSWERED MY REQUEST BY SENDING DOCUMENTATION FOR A SPENT FUEL ASSEMBLY TOP NOZZLE EVENT. THIS EVENT WAS A FAILURE OF A TOP NOZZLE ASSEMBLY A PRAIRIE ISLAND ON 12-16-~~1981~~81. A

MEMO ON THIS EVENT FINALLY WAS SENT TO DARRELL EISENHUT BY KARL SEYFRIT ON 10-22-83. THIS 10-22-83 MEMO, 11 months after the event, detailed some of the safety concerns. These concerns included

- a. Similarities of TMI piping and Prairie Island event,
- b. contamination by Cl, F, and S,
- c. TV USED TO FIND STRESS corrosion cracking, which is usually visually unobservable previous to failure,
- d. release of fission products both in fuel cool and RPV,
- e. and complications concerning the transfer of fuel.

The event is described as a failure of 304 ss top nozzle due to stress corrosion cracking.

APPARENTLY THIS FAILURE IS STILL A MYSTERY. NO ONE KNOWS WHAT CONTAMINANT CAUSED THIS FAILURE, and this failure can cause safety-related fission product releases.

I respectfully request that the issue of SC cracking of SS in spent fuel pools be raised to an USI and especially be investigated at TMI#1.

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PDR ADOCK 05000289
Q PDR

RESPECTFULLY SUBMITTED,

Marvin Lewis D503