



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

50-219
(true)

REGULATORY DOCKET FILE COPY July 23, 1980

MEMORANDUM FOR: R. H. Vollmer, Director, Division of Engineering
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FROM: Darrell G. Eisenhut, Director
Division of Licensing

SUBJECT: OPERATING REACTOR EVENT MEMORANDUM NO. 80-13
VISUAL INDICATIONS OF POSSIBLE CRACKS IN THE
OYSTER CREEK CORE SPRAY PIPING

PROBLEM

The licensee observed visual indications of a possible crack in each of the two 6-inch to 5-inch eccentric reducers in core spray system number 2.

BACKGROUND

Visual indications of a possible crack in the two reducers were observed during the review of video tapes made during the extended 1980 refueling outage. These reducers are located between the inside wall of the reactor vessel and the shroud. Oyster Creek is projected to startup about July 10, 1980. Cracks in the core spray spargers have previously been found. The staff has imposed the requirement that the core spray spargers shall be replaced during the 1981 refueling outage.

SAFETY SIGNIFICANCE

Failure of core spray system number 2 at the crack location and a postulated LOCA from a pipe break in system number 1 has not been analyzed.

SHORT TERM ACTIONS

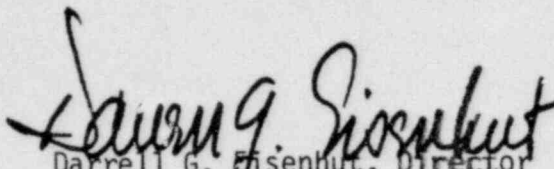
A meeting was held on June 30, 1980, to discuss the licensee's evaluation of the possible cracks. The licensee was requested to provide additional information including an ECCS analysis. These analyses were received on July 2, 1980 and based on the staff's evaluation it was concluded that there was reasonable assurance that the health and safety of the public would not be endangered by operation for one full cycle.

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July 23, 1980

LONG TERM ACTIONS

The licensee has committed to reinspect the pipe indications during the next refueling outage and to provide for possible replacement of the reducers if more extensive inspection during the next outage confirms the presence of cracking.


Darrell G. Eisenhut, Director
Division of Licensing

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