

LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 N J 0 C P 1 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5

LICENSEE CODE

LICENSE NUMBER

LICENSE TYPE

CAT 58

CONT

REPORT

SOURCE

L 6 0 5 0 0 0 2 1 9 7 1 0 1 7 7 8 8 1 0 3 0 7 8 9

DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 On October 16, 1978, while performing inservice inspection inside the
03 reactor vessel, an indication was discovered on the sparger piping for
04 Core Spray System II. The indication which was at azimuth location
05 208° in the reactor vessel appeared to extend 180° circumferentially
06 around the pipe. It was later established that there is a through wall
07 crack for about 135° of the pipe's circumference.

08

09 S F 11 B 12 C 13 P I P E X X 14 B 15 16

LER/RO
REPORT
NUMBER

EVENT YEAR
7 8

SEQUENTIAL
REPORT NO.
0 2 1

OCCURRENCE
CODE
0 1

REPORT
TYPE
T

REVISION
NO.
0

ACTION
TAKEN

FUTURE
ACTION

EFFECT
ON PLANT

SHUTDOWN
METHOD

HOURS

ATTACHMENT
SUBMITTED

NPRD-4
FORM SUB.

PRIME COMP.
SUPPLIER

COMPONENT
MANUFACTURER

X 18 X 19 C 20 21 22 Y 23 N 24 N 25 A 6 6 1 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 It has been determined that the crack was most probably caused by the
11 methods used to install the spargers. Corrective action will be
12 determined after a full investigation is completed.

13
14

FACILITY
STATUS

% POWER

OTHER STATUS

METHOD OF
DISCOVERY

DISCOVERY DESCRIPTION

15 H 28 0 0 0 29 NA 30 B 31 Inservice Inspection 32

ACTIVITY
RELEASED

AMOUNT OF ACTIVITY

LOCATION OF RELEASE

16 Z 33 Z 34 NA 35 NA 36

PERSONNEL EXPOSURES

NUMBER

TYPE

DESCRIPTION

17 0 0 0 37 Z 38 NA 39

PERSONNEL INJURIES

NUMBER

DESCRIPTION

18 0 0 0 40 NA 41

LOSS OF OR DAMAGE TO FACILITY

TYPE

DESCRIPTION

19 Z 42 NA 43

PUBLICITY

DESCRIPTION

NRC USE ONLY

20 Y 44 Weekly press release - October 26, 1978 68 69 70 71 72 73 74 75 76 77 78 79 80

NAME OF PREPARER Donald A. Ross

PHONE: 201-455-8200

OYSTER CREEK NUCLEAR GENERATING STATION
Forked River, New Jersey 08731**Licensee Event Report**
Reportable Occurrence No. 50-219/78-21/1T-0**Report Date**

October 30, 1978

Occurrence Date

October 17, 1978

Identification of Occurrence

Discovery of a crack in the core spray sparger piping. This event is considered to be a reportable occurrence as defined in the Technical Specifications, paragraph 6.9.2.a.(9).

Conditions Prior to Occurrence

The plant was in a refueling shutdown. Reactor coolant less than 212°F.

Description of Occurrence

On Monday, October 16, 1978, at approximately 1800 hours, an indication was discovered on the core spray sparger piping for System II.* Location of the indication was at an azimuth location of 208° in the reactor vessel. From initial investigation, the indication appears to extend at least 180° circumferentially around the pipe. Further investigation on October 19, 1978, established that there is a through wall crack for about 135° of the pipe's circumference.

* While performing inservice inspection.

Apparent Cause of Occurrence

Investigations into the cause of the crack have determined that the most probable cause was the methods used to install the spargers.

Analysis of Occurrence

Cracking of the core spray sparger in the area found to have an indication could possibly cause a loss of redundancy in the core spray systems should

2237 234

a complete break occur. A complete break and separation of the piping could reduce the capability of the core spray system II to adequately wet the core during a LOCA condition. Further investigation of the indication and analysis of the consequences will provide for a more firm analysis of the occurrence.

Corrective Action

Corrective action will be determined after a full investigation is complete.

Failure Data

Not applicable.

2237 235