EIGENGE EVENT REFORT
CONTROL BLOCK:
8 9 LICENSEE CODE 14 5 CAT SE STORE TYPE JO 57 CAT SE
TO 1 SOURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 75 REPORT DATE 80 EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
0 2 0 0 September 20, 1982, with Unit 1 at approximately 11% power, two solid radwaste
pipe welds were found to have developed corrosion problems and were leaking. The
leak was draining to the spent resin sump, so the health and safety of the public
was not affected.
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07
018
7 8 9 SYSTEM CAUSE CAUSE CODE CODE SUBCODE COMPONENT CODE SUBCODE SUBCODE
MD 11 E 12 D 13 P I P E X X 14 A 15 Z 16 SEQUENTIAL OCCURRENCE REPORT REVISION
17 REPORT 8 2
ACTION FUTURE EFFECT SHUTDOWN HOURS (22) ATTACHMENT NPRD-4 PRIME COMP. COMPONENT SUBMITTED FORM SUB. SUPPLIER MANUFACTURER
F 18 F 19 Z 20 Z 20 O O O Y 20 A 30 Z 9 9 9 0
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
The cause of this corrosion problem was the use of 10 wt.% H ₂ SO ₄ and 4 wt.% NaOH in
a seamless low carbon steel piping. Modification #M-1-0-82-126 has been initiated
to alleviate the problem.
114
FACILITY STATUS OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32
ACTIVITY CONTENT 12 13 44 45 46 LENGATION OF RELEASE 36
1 6 Z 33 Z 34 NA
NUMBER TYPE DESCRIPTION (39) 1 7 0 0 0 (37) Z (38) NA
7 8 9 11 12 13 5
7 8 9 PERSONNEL INJURIES 13 PERSONNEL INJURIES 0 DESCRIPTION (4) 1 3 0 0 0 0 (40) NA NA NA NA SELOSS OF OR DAMAGE TO FACILITY (43)
7 8 9 PERSONNEL INJURIES NUMBER DESCRIPTION 41 1 3 0 0 0 0 40 NA NA 1 9 LOSS OF OR DAMAGE TO FACILITY 43 TYPE DESCRIPTION NA NA
7 8 9 PERSONNEL INJURIES NUMBER DESCRIPTION 41 1 3 0 0 0 0 40 NA NA 1 9 LOSS OF OR DAMAGE TO FACILITY 43 TYPE DESCRIPTION NA NA NA NA NA NA NA NA NA
7 8 9 PERSONNEL INJURIES NUMBER DESCRIPTION (4) 1 3 0 0 0 0 (40) NA 1 8 9 11 12 LOSS OF OR DAMAGE TO FACILITY (43) TYPE DESCRIPTION NA NA NA PERSONNEL INJURIES NUMBER DESCRIPTION NA NA PARTITION (4) NA

I. LER NUMBER: 82-127/03L-0

II. LASALLE COUNTY STATION: Unit 1

III. DOCKET NUMBER: 050-373

IV. EVENT DESCRIPTION:

On September 20, 1982, with Unit 1 at approximately 11% power, two solid radwaste pipe welds (line numbers OWX11A and OWX91B) were found to have developed corrosion problems and were leaking slightly.

V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

The leaking water from lines OWX11A and OWX91B drained directly to the spent resin sump. The health and safety of the public was not affected.

VI. CAUSE:

The cause of this corrosion problem was the use of seamless low carbon steel in a piping system that handles 10% by weight ${\rm H_2SO_4}$ and 4% by weight NaOH.

VII. CORRECTIVE ACTION:

A modification (#M-1-0-82-126) has been initiated to replace the deteriorating piping with a more durable substitute.

Prepared by: John Arand