

## LICENSEE EVENT REPORT (LER)

|  |        |  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|--|--------|--|----------------|-------------------|-----------------|-------|-----------------|-----------|---------------|---|--|-------------------------------|------------------|-------|-----|------|-----|--|--|----------------------|--|
| FACILITY NAME (1)<br>PALISADES PLANT                                       |        |  |                |                   |                 |       |                 |           |               | DOCKET NUMBER (2)<br>0 5 0 0 0 2 5 5 1 OF 0 2 |  |                               |                  |       |     |      |     |  |  | PAGE (3)<br>1 OF 0 2 |  |
| TITLE (4)<br>FAILED LOCAL LEAK RATE TEST ON CONTAINMENT PENETRATION        |        |  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
| EVENT DATE (5)   |        |  | LER NUMBER (6) |                   |                 |       | REPORT DATE (7) |           |               | OTHER FACILITIES INVOLVED (8)                 |  |                               |                  |       |     |      |     |  |  |                      |  |
| MONTH  | DAY    | YEAR   | YEAR           | SEQUENTIAL NUMBER | REVISION NUMBER | MONTH | DAY             | YEAR      | FACILITY NAME |   |  |                               | DOCKET NUMBER(S) |       |     |      |     |  |  |                      |  |
| 1 2  | 1 6    | 8 5  | 8 5            | 0 2 9             | 0 0             | 0 1   | 1 5             | 8 6       | NA            |   |  |                               | 0 5 0 0 0        |       |     |      |     |  |  |                      |  |
|  |        |  |                |                   |                 |       |                 |           | NA            |   |  |                               | 0 5 0 0 0        |       |     |      |     |  |  |                      |  |
| OPERATING MODE (9)   |        | THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11) |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
| N  |        |  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
| POWER LEVEL (10)   |        | 20.402(b)  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
| 0.00   |        | 20.406(a)(1)(i)  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 20.406(a)(1)(ii)   |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 20.406(a)(1)(iii)  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 20.406(a)(1)(iv)   |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 20.406(a)(1)(v)  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 20.408(a)  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 80.36(a)(1)  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 80.36(a)(2)  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 80.73(a)(2)(i)   |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 80.73(a)(2)(ii)  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 80.73(a)(2)(iii)   |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 80.73(a)(2)(iv)  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 80.73(a)(2)(v)   |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 80.73(a)(2)(vi)  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 80.73(a)(2)(vii)(A)  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 80.73(a)(2)(vii)(B)  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        | 80.73(a)(2)(ix)  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
| 73.71(b)   |        |  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
| 73.71(a)   |        |  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
| OTHER (Specify in Abstract below and in Text, NRC Form 308A)               |        |  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        |  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
| LICENSEE CONTACT FOR THIS LER (12)   |        |  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
| NAME   |        |  |                |                   |                 |       |                 |           |               | TELEPHONE NUMBER                              |  |                               |                  |       |     |      |     |  |  |                      |  |
| R A Fenech, Technical Engineer, Palisades                                  |        |  |                |                   |                 |       |                 |           |               | 6 1 6 7 6 4 - 8 9 1 3                         |  |                               |                  |       |     |      |     |  |  |                      |  |
| COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13) |        |  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
| CAUSE  | SYSTEM | COMPONENT  | MANUFACTURER   | REPORTABLE TO NRC |                 | CAUSE | SYSTEM          | COMPONENT | MANUFACTURER  | REPORTABLE TO NRC                             |  |                               |                  |       |     |      |     |  |  |                      |  |
| X  | I P    | I S V  | N 4 2 5        | Y                 |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        |  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
|  |        |  |                |                   |                 |       |                 |           |               |   |  |                               |                  |       |     |      |     |  |  |                      |  |
| SUPPLEMENTAL REPORT EXPECTED (14)  |        |  |                |                   |                 |       |                 |           |               |   |  | EXPECTED SUBMISSION DATE (15) |                  | MONTH | DAY | YEAR |     |  |  |                      |  |
| YES (If yes, complete EXPECTED SUBMISSION DATE)                            |        |  |                |                   |                 |       |                 |           |               |   |  | NO                            |                  | 0 3   |     | 1 5  | 8 6 |  |  |                      |  |

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On December 4, 1985, with the plant in cold shutdown, the Technical Specification surveillance test for local leak rate testing (LLRT) was performed for penetration number 40, i.e., primary coolant sample valves CV-1910 and CV-1911. The results of the test indicated that the leak rate was outside of Technical Specifications requirements and thus reportable.

The repair or replacement of CV-1910 and CV-1911 will be performed before the end of the present refueling outage.

The evaluation to determine the root cause of the valve leakage will be completed after startup.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104  
EXPIRES 8/31/85

| FACILITY NAME (1) | DOCKET NUMBER (2) | LER NUMBER (6) |                      |                    | PAGE (3) |    |    |
|-------------------|-------------------|----------------|----------------------|--------------------|----------|----|----|
|                   |                   | YEAR           | SEQUENTIAL<br>NUMBER | REVISION<br>NUMBER |          |    |    |
|                   |                   |                |                      |                    |          |    |    |
| PALISADES PLANT   | 0500025585        | 85             | 029                  | 000                | 2        | OF | 02 |

TEXT (If more space is required, use additional NRC Form 308A's) (17)

On December 4, 1985 with the plant in cold shutdown the Technical Specification test for local leak rate testing (LLRT) was performed for penetration number 40, ie., Primary Coolant Sample Valves (CV-1910 [IP;ISV] and CV-1911 [IP;ISV]. The results of the test indicated that the leak rate was outside of Technical Specification requirements and reportable.

The LLRT for penetration 40, ie., PCS valves CV-1910 and CV-1911 revealed a leak rate of 78,913.1 cc/min whereas the total local leak rate allowed by Technical Specifications is 65,200 cc/min. This penetration last had a LLRT performed on it in June of 1984, at which time it had a leak rate of 13.1 cc/min. In May of 1985, there were indications that a potential leakage problem existed with this penetration. At that time there was leakage past CV-1910 and CV-1911 during operation. An engineering evaluation was performed and a determination was made that the leakage was not in excess of limits specified by Technical Specifications. In conjunction with the results of the LLRT run December 4, 1985, a review of the engineering evaluations performed in May 1985 determined the evaluation not to be correct for the situation in which it was being used.

The repair or replacement of CV-1910 and CV-1911 will be performed before the end of the present refueling outage. The evaluation to determine the root cause of the valve leakage will be completed after startup.

As noted, the surveillance test was performed on December 4, 1985. On December 16, 1985, following evaluation of the test results, the occurrence was reported to the NRC by telephone. Based on the December 16, 1985 notification date, this LER has been submitted within 30 days of initial notification.



Consumers  
Power  
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US Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

DOCKET 50-255 - LICENSE DPR-20 - PALISADES PLANT -  
LICENSEE EVENT REPORT 85-029 - FAILED LOCAL LEAK RATE  
TEST ON CONTAINMENT PENETRATION

Licensee Event Report (LER) 85-029, (Failed Local Leak Rate Test on  
Containment Penetration) is attached. This event is reportable to the NRC per  
10CFR50.73(a)(2)(i).

Brian D Johnson  
Staff Licensing Engineer

CC Administrator, Region III, USNRC  
NRC Resident Inspector - Palisades

Attachment

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