

LICENSEE EVENT REPORT (LER)

| | | | | | | | | | |
|--|--|--|--|--|--|--------------------------------------|--|----------------------|--|
| FACILITY NAME (1) SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 3 | | | | | | DOCKET NUMBER (2) 0 5 0 0 0 3 6 2 | | PAGE (3) 1 OF 0 6 | |
|--|--|--|--|--|--|--------------------------------------|--|----------------------|--|

TITLE (4)
UNIDENTIFIED REACTOR COOLANT SYSTEM LEAKAGE

| EVENT DATE (5) | | | LER NUMBER (6) | | | REPORT DATE (7) | | | OTHER FACILITIES INVOLVED (8) | | |
|--|-----|------|----------------|-------------|-------------|-----------------|-----|------|-------------------------------|--|------------------|
| MONTH | DAY | YEAR | YEAR | SEQ. NUMBER | REV. NUMBER | MONTH | DAY | YEAR | FACILITY NAMES | | DOCKET NUMBER(S) |
| 0 1 | 2 7 | 8 5 | 8 5 | 0 0 1 | 0 0 | 0 2 | 2 6 | 8 5 | | | 0 5 0 0 0 |
| THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11) | | | | | | | | | | | |

| | | | | | |
|---------------------------|-------------------|--|-------------------------------------|----------------------|--|
| OPERATING MODE (9) 1 | 20.402(b) | 20.405(c) | <input checked="" type="checkbox"/> | 50.73(a)(2)(iv) | 73.71(b) |
| POWER LEVEL (10) 1 0 0 | 20.405(a)(1)(i) | 50.36(c)(1) | | 50.73(a)(2)(v) | 73.71(c) |
| | 20.405(a)(1)(ii) | 50.36(c)(2) | | 50.73(a)(2)(vii) | <input checked="" type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 366A) |
| | 20.405(a)(1)(iii) | <input checked="" type="checkbox"/> 50.73(a)(2)(i) | | 50.73(a)(2)(viii)(A) | |
| | 20.405(a)(1)(iv) | 50.73(a)(2)(ii) | | 50.73(a)(2)(viii)(B) | |
| | 20.405(a)(1)(v) | 50.73(a)(2)(iii) | | 50.73(a)(2)(x) | |

LICENSEE CONTACT FOR THIS LER (12)

| | |
|---------------------------------------|--|
| NAME J. G. HAYNES, STATION MANAGER | TELEPHONE NUMBER AREA CODE 7 1 4 4 9 2 1 7 7 0 0 |
|---------------------------------------|--|

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

| CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NRRDS | CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NRRDS |
|-------|--------|-----------|--------------|---------------------|-------|--------|-----------|--------------|---------------------|
| B | A B | X C V | H O 3 5 | Y | | | | | |

SUPPLEMENTAL REPORT EXPECTED (14)

| | | | | | |
|--|--|-------------------------------|-------|-----|------|
| <input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) | <input checked="" type="checkbox"/> NO | EXPECTED SUBMISSION DATE (15) | MONTH | DAY | YEAR |
|--|--|-------------------------------|-------|-----|------|

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

On 1/27/85, at 1320, with Unit 3 in Mode 1 at 100% power, a Reactor Coolant System (RCS) water inventory balance indicated a 2.97 gpm leakage rate, of which 1.73 gpm was determined to be unidentified leakage, exceeding the 1.0 gpm limit of LCO 3.4.5.2. At 1330, the RCS was isolated. At 1350, it was determined the leak rate had not been reduced, and at 1412 a reactor shutdown was commenced and an Unusual Event was declared.

At 2248, and again at 0140 on 1/28/85, Containment Purge Isolation System (CPIS) Train 'A' actuated from containment airborne iodine resulting from the leak. The mini-purge in progress at 2248 was isolated. No purge was in progress at 0140.

Subsequent investigation determined the unidentified leakage was due to failure of the stem packing on Pressurizer Spray Valve 3PV-0100B. The pressurizer spray valve stem packing is currently under repair. To prevent recurrence, the pressurizer spray valve packing and pressurizer spray valve system will be modified during the first refueling outage.

This submittal also provides the report pursuant to Limiting Condition for Operation 3.4.7, Action Statement 'd', for RCS specific activity exceeding 1.0 microcuries/gram Dose Equivalent I-131, which was caused by iodine spiking following the shutdown.

There are no reasonable or credible circumstances which could have increased the severity of this event.

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LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

| | | | | | | |
|---|--|----------------|------------------------------|--------------------------|----------|----------|
| FACILITY NAME (1) SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 3 | DOCKET NUMBER (2) 0 5 0 0 0 3 6 2 | LER NUMBER (6) | | | PAGE (3) | |
| | | YEAR 8 5 | SEQ. NUMBER - 0 0 1 | REV. NUMBER - 0 0 | 0 2 | OF 0 6 |

TEXT (If more space is required, use additional NRC Form 366A's) (17)

On January 27, 1985, at 0810, with Unit 3 in Mode 1 at 100% power, operations personnel observed the temperature of the Reactor Coolant Drain Tank (RCDT) (EIIS Component Code TK) to be increasing. At 0900, a four hour Reactor Coolant System (RCS) (EIIS System Code AB) water inventory balance was commenced in accordance with Operations Procedure S023-3-3.37, "Reactor Coolant System Water Inventory Balance." In an attempt to determine the source of the leak, a reactor coolant pump gasket leakage surveillance was performed in accordance with Engineering Procedure S023-V-8.6, "Reactor Coolant Pump Gasket Leakage Monitoring." The gasket leakage surveillance results were satisfactory. At 1320, the 4 hour RCS water inventory balance was completed. The total leakage rate was calculated to be 2.97 gpm, of which 1.73 gpm was unidentified.

At 1330, charging and letdown were secured and a second water inventory balance was commenced with the RCS isolated. At 1350, it was determined that the RCS leakage had not decreased by isolating the RCS, therefore, the water inventory balance calculation was terminated. At 1407, discussions with plant management concluded that the leak was unidentified and could not be isolated. Preparations for plant shutdown were commenced which included returning charging and letdown to service. At 1412, a reactor shutdown was commenced, and in accordance with Emergency Plan Implementing Procedures, an Unusual Event was declared. The Unusual Event was terminated at 1255 on January 28 in accordance with Emergency Plan Implementing Procedures.

Subsequent investigation revealed the cause of the unidentified leakage was failure of the stem packing on Pressurizer Spray Valve 3PV-0100B (EIIS Component Code XCV). Complete valve disassembly, inspection and replacement of the valve stem packing on 3PV-0100A and 3PV-0100B will be accomplished prior to the unit returning to service. Previous investigations determined that the valve stem packing arrangement on the pressurizer spray valves required modification. To prevent recurrence, the pressurizer spray valves and pressurizer spray system will be modified during the first refueling outage for both units. This modification is complete on Unit 2 except for final startup tests.

At 1720 on January 27, with Unit 3 in Mode 2, RCS sample analysis indicated that RCS specific activity exceeded 1.0 microcurie/gram Dose Equivalent (DE) I-131. RCS specific activity was reduced to less than 1.0 microcurie/gram DE I-131 by purification flow at 1705 on January 29, 1985. This event was an indication of iodine spiking. Similar occurrences were previously reported in LERs 83-111, 84-005, 84-013, 84-015, 84-023, 84-037, 84-038, and 84-039.

At 2148, on January 27, while in Mode 3 the Containment Purge Isolation System (CPIS) Train 'A' (EIIS System Code VA) actuated on a high iodine signal from Containment Airborne Radiation Monitor 2RT-7804 (EIIS Component Code RIT). A containment mini-purge in progress was terminated, and all CPIS Train 'A' components actuated as required. Redundant Monitor 2RT-7807 was inoperable for maintenance.

On January 28, at 0140, with purge secured, a second CPIS Train 'A' actuation occurred, again due to high iodine on 2RT-7804. Concurrent with this second high iodine actuation, 2RT-7804 initiated a CPIS noble gas signal. This signal was verified as spurious by operators checking the reading on the noble gas monitor indicator. After each occurrence, the charcoal filters (EIIS Component Code FLT) in 2RT-7804 were replaced and CPIS was restored to operability.

LICENSEE EVENT REPORT (LER)
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| | | YEAR 8 5 | SEQ. NUMBER - 0 0 1 | REV. NUMBER - 0 0 | 0 3 | OF 0 6 |

TEXT (If more space is required, use additional NRC Form 366A's) (17)

There are no reasonable or credible circumstances which could have increased the severity of this event. Neither the health and safety of plant personnel nor the public was affected by this event.

Pursuant to Limiting Condition for Operation (LCO) 3.4.7, Action Statement 'd', this submittal also provides the required 30-day written report for the occurrence of RCS high specific activity, which was caused by iodine spiking following the shutdown. Additional information, required by LCO 3.4.7, Action Statement 'd', is provided in the tables below. Although the unit has a degasification path which operates continuously and takes pressurizer steam, condenses it and directs it to Liquid Radwaste, degassing history is not applicable, because this system reduces the noble gas content of the RCS but has no effect on Iodine.

CLEANUP FLOW HISTORY

| <u>PERIOD</u> | <u>AVERAGE CLEANUP FLOW (gpm)</u> |
|--------------------------------|-----------------------------------|
| 1/25/85, 0100 to 1/27/85, 1500 | 81.0 |
| 1/27/85, 1500 to 1/27/85, 1800 | 30.3 |
| 1/27/85, 1800 to 1/27/85, 2100 | 92.5 |
| 1/27/85, 2100 to 1/27/85, 2400 | 44.3 |
| 1/27/85, 2400 to 1/28/85, 0816 | 42.5 * |
| 1/28/85, 0816 to 1/29/85, 1705 | 85.0 * |

* Hourly cleanup flow data not available. Figure used is taken from average flow with either one or two charging pumps in operation.

REACTOR POWER HISTORY

| <u>PERIOD</u> | <u>REACTOR POWER</u> |
|--------------------------------|----------------------|
| 1/25/85, 0100 to 1/27/85, 1400 | 97% Rated Power |
| 1/27/85, 1400 to 1/27/85, 1700 | 97% to 44% |
| 1/27/85, 1700 to 1/27/85, 1800 | 44% to 0% |
| 1/27/85, 1800 to 1/29/85, 1705 | 0% |

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| | | YEAR | SEQ. NUMBER | REV. NUMBER | | |
| | | 0 0 1 - | 0 0 | 0 4 | OF | 0 6 |

TEXT (If more space is required, use additional NRC Form 366A's) (17)

REACTOR COOLANT SYSTEM SPECIFIC ACTIVITY ANALYSIS

| <u>DATE</u> | <u>TIME</u> | <u>DE I-131 MICROCURIES/GRAM</u> |
|-------------|-------------|--------------------------------------|
| 1/27/85 | 1720 | 1.32 |
| 1/27/85 | 2120 | 6.83 |
| 1/28/85 | 0120 | 8.97 |
| 1/28/85 | 0515 | 7.94 |
| 1/28/85 | 0750 | 5.90 |
| 1/28/85 | 1150 | 5.00 |
| 1/28/85 | 1550 | 3.92 |
| 1/28/85 | 1950 | 2.76 |
| 1/28/85 | 2150 | 2.92 |
| 1/29/85 | 0150 | 2.25 |
| 1/29/85 | 0550 | 1.79 |
| 1/29/85 | 0950 | 1.38 |
| 1/29/85 | 1350 | 1.01 |
| 1/29/85 | 1705 | 0.83 |

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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| | | YEAR | SEQUENTIAL NUMBER | REVISION NUMBER | |
| | | | | | |

TEXT (If more space is required, use additional NRC Form 366A's) (17)

M2 1240 S3C11-232 AXIALLY INTEGRATED AND PEAK OUTPUT ASSEMBLY EXPOSURE LOGS

FORMAT OF ASSEMBLY IN CORE MAP ASSEMBLY NUMBER - BATCH NUMBER INTEGRATED BOX EXPOSURE IN 10...003MU/D/T MAXIMUM BOX EXPOSURE IN 10...003MU/D/T LOCATION OF MAX. ASS. EXP. IN C/O HEIGHT

| | | | | | | | | | | | | | | | |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|---------|---------|
| 1-05 | 2-05 | 3-05 | 4-05 | 5-05 | 6-05 | 7-07 | 8-07 | 9-04 | 10-07 | 11-07 | 12-05 | 13-05 | 24-05 | 36-02 | 37-05 |
| 5.580 | 7.253 | 7.248 | 5.567 | 3.376 | 7.258 | 8.680 | 10.261 | 9.046 | 10.243 | 8.640 | 7.181 | 5.240 | 3.803 | 7.450 | 5.891 |
| 6.890 | 8.919 | 8.904 | 6.324 | 5.732 | 8.969 | 10.328 | 12.783 | 11.406 | 12.740 | 10.726 | 8.303 | 6.466 | 9.333 | 7.428 | 7.231 |
| 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 42.000 | 34.000 | 34.000 | 34.000 |
| 14-05 | 15-04 | 16-04 | 17-02 | 18-04 | 19-02 | 20-04 | 21-02 | 22-04 | 23-06 | 24-05 | 25-05 | 26-05 | 27-04 | 28-02 | 29-02 |
| 5.871 | 8.885 | 9.004 | 9.206 | 10.359 | 9.512 | 10.348 | 9.183 | 8.933 | 8.771 | 5.803 | 3.376 | 7.258 | 8.680 | 10.261 | 9.046 |
| 7.222 | 11.246 | 11.209 | 11.361 | 12.528 | 11.837 | 12.497 | 11.299 | 11.233 | 10.810 | 7.087 | 5.580 | 7.253 | 7.248 | 5.567 | 3.376 |
| 35.000 | 35.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 42.000 | 34.000 | 34.000 | 34.000 |
| 29-05 | 30-04 | 31-02 | 32-02 | 33-04 | 34-02 | 35-04 | 36-02 | 37-05 | 38-04 | 39-02 | 40-04 | 41-02 | 42-04 | 43-02 | 44-04 |
| 3.932 | 7.355 | 9.282 | 11.311 | 11.451 | 12.596 | 12.122 | 12.596 | 12.122 | 12.596 | 12.122 | 12.596 | 12.122 | 12.596 | 12.122 | 12.596 |
| 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 |
| 38-02 | 39-06 | 40-04 | 41-02 | 42-04 | 43-02 | 44-04 | 45-02 | 46-04 | 47-02 | 48-04 | 49-02 | 50-04 | 51-06 | 52-05 | 53-05 |
| 5.217 | 8.850 | 9.161 | 9.315 | 10.548 | 10.000 | 10.754 | 10.044 | 10.738 | 9.964 | 8.271 | 9.209 | 8.753 | 5.162 | 8.753 | 5.162 |
| 6.356 | 12.898 | 11.335 | 11.440 | 12.759 | 12.217 | 13.267 | 12.474 | 13.250 | 12.184 | 12.548 | 11.283 | 10.764 | 6.289 | 10.764 | 6.289 |
| 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 36.000 | 36.000 | 36.000 |
| 53-05 | 54-04 | 55-02 | 56-04 | 57-02 | 58-03 | 59-01 | 60-03 | 61-01 | 62-03 | 63-02 | 64-04 | 65-02 | 66-04 | 67-05 | 68-07 |
| 8.332 | 10.498 | 9.394 | 12.701 | 12.261 | 13.235 | 12.569 | 13.478 | 12.548 | 13.192 | 12.517 | 12.517 | 12.517 | 10.831 | 8.779 | 7.120 |
| 34.000 | 34.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 36.000 | 36.000 |
| 68-07 | 69-02 | 70-04 | 71-02 | 72-03 | 73-01 | 74-03 | 75-01 | 76-03 | 77-01 | 78-03 | 79-02 | 80-04 | 81-02 | 82-07 | 83-05 |
| 8.332 | 9.271 | 10.305 | 10.226 | 10.886 | 10.336 | 11.118 | 10.742 | 11.129 | 10.350 | 12.361 | 9.962 | 10.222 | 9.186 | 8.901 | 8.901 |
| 11.055 | 11.343 | 12.694 | 12.258 | 13.382 | 12.603 | 13.608 | 12.406 | 13.577 | 12.550 | 13.500 | 12.161 | 12.548 | 11.178 | 10.831 | 10.831 |
| 34.000 | 34.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 35.000 | 36.000 | 36.000 |
| 85-07 | 86-04 | 87-02 | 88-04 | 89-01 | 90-03 | 91-01 | 92-03 | 93-01 | 94-03 | 95-01 | 96-04 | 97-02 | 98-04 | 99-07 | 100-05 |
| 10.622 | 10.344 | 9.701 | 13.740 | 12.275 | 10.925 | 10.474 | 11.152 | 10.519 | 11.094 | 10.313 | 10.746 | 9.853 | 9.958 | 13.486 | 13.486 |
| 13.088 | 12.417 | 12.136 | 13.261 | 12.589 | 13.550 | 12.726 | 13.524 | 12.695 | 13.460 | 12.542 | 13.245 | 12.013 | 12.150 | 12.773 | 12.773 |
| 34.000 | 34.000 | 34.000 | 34.000 | 35.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 |
| 102-04 | 103-02 | 104-04 | 105-02 | 106-04 | 107-01 | 108-03 | 109-01 | 110-03 | 111-01 | 112-03 | 113-02 | 114-04 | 115-02 | 116-04 | 117-05 |
| 19.623 | 19.712 | 10.562 | 10.016 | 10.953 | 10.425 | 11.224 | 10.563 | 11.245 | 10.466 | 10.291 | 10.045 | 10.523 | 19.623 | 19.489 | 19.489 |
| 11.925 | 11.349 | 13.152 | 12.338 | 13.492 | 12.733 | 13.704 | 12.474 | 13.641 | 12.682 | 12.542 | 12.338 | 12.013 | 11.753 | 11.667 | 11.667 |
| 34.000 | 34.000 | 34.000 | 34.000 | 35.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 |
| 119-07 | 120-04 | 121-02 | 122-04 | 123-01 | 124-03 | 125-01 | 126-03 | 127-01 | 128-03 | 129-01 | 130-04 | 131-02 | 132-04 | 133-06 | 134-05 |
| 9.256 | 10.525 | 10.119 | 12.489 | 12.351 | 11.097 | 10.534 | 11.202 | 10.522 | 11.053 | 12.9.275 | 10.620 | 9.828 | 9.961 | 10.4516 | 10.4516 |
| 13.4.05 | 13.224 | 12.546 | 12.161 | 12.811 | 13.567 | 12.768 | 13.568 | 12.736 | 13.569 | 12.503 | 13.006 | 12.005 | 12.326 | 12.950 | 12.950 |
| 34.000 | 34.000 | 34.000 | 34.000 | 35.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 |
| 136-07 | 137-02 | 138-04 | 139-02 | 140-03 | 141-01 | 142-03 | 143-01 | 144-03 | 145-01 | 146-03 | 147-02 | 148-04 | 149-02 | 150-07 | 151-05 |
| 5.882 | 7.276 | 7.276 | 5.882 | 3.376 | 7.258 | 8.680 | 10.261 | 9.046 | 10.243 | 8.640 | 7.181 | 5.240 | 3.803 | 7.450 | 5.891 |
| 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 |

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)
SAN ONOFRE NUCLEAR GENERATING
STATION, UNIT 3

DOCKET NUMBER (2)
0 5 0 0 0 3 1 6 2 8 1 5 - 0 1 0 7 - 0 1 0 0 9 6 0 6 0 1 6

| | | | |
|------|----------------|-----------------|----------|
| YEAR | LER NUMBER (6) | REVISION NUMBER | PAGE (3) |
| 85 | 0107 | 010 | 9606016 |

TEXT (If more space is required, use additional NRC Form 3884 (1) (17))

| | | | | | | | | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 32.000 | 7.032 | 9.276 | 13.254 | 9.753 | 10.875 | 10.586 | 11.174 | 10.521 | 11.144 | 10.535 | 10.841 | 9.944 | 10.226 | 9.218 | 8.946 | 32.000 |
| 11.136 | 11.425 | 12.561 | 12.135 | 13.334 | 12.591 | 13.532 | 12.708 | 13.590 | 12.572 | 13.264 | 12.079 | 12.548 | 11.283 | 11.004 | 11.000 | |
| 34.000 | 34.000 | 34.000 | 35.000 | 35.000 | 36.000 | 36.000 | 36.000 | 36.000 | 36.000 | 36.000 | 36.000 | 36.000 | 36.000 | 34.000 | 34.000 | |
| 151-05 | 152-04 | 153-02 | 154-04 | 155-02 | 156-03 | 157-01 | 158-03 | 159-01 | 160-03 | 161-02 | 162-04 | 163-02 | 164-04 | 165-05 | 166-04 | |
| 7.248 | 4.427 | 3.278 | 11.524 | 10.051 | 10.861 | 11.031 | 10.311 | 10.740 | 9.975 | 10.225 | 9.238 | 8.391 | 7.201 | 7.201 | 5.175 | |
| 8.915 | 11.014 | 11.403 | 12.690 | 12.259 | 13.316 | 12.574 | 13.392 | 12.526 | 13.200 | 12.130 | 12.434 | 11.255 | 10.923 | 8.803 | 8.803 | |
| 34.000 | 34.000 | 35.000 | 35.000 | 35.000 | 36.000 | 36.000 | 34.000 | 36.000 | 36.000 | 36.000 | 36.000 | 36.000 | 34.000 | 34.000 | 34.000 | |
| 166-05 | 167-06 | 168-04 | 169-02 | 170-04 | 171-02 | 172-04 | 173-02 | 174-04 | 175-02 | 176-04 | 177-02 | 178-04 | 179-06 | 180-05 | 181-05 | |
| 5.209 | 4.832 | 9.139 | 9.296 | 10.348 | 10.024 | 10.796 | 10.107 | 10.748 | 9.940 | 10.270 | 9.234 | 9.067 | 8.750 | 5.175 | 5.175 | |
| 6.411 | 10.920 | 11.309 | 11.388 | 12.732 | 12.237 | 13.268 | 12.411 | 13.211 | 12.136 | 12.606 | 11.255 | 11.133 | 10.708 | 5.298 | 5.298 | |
| 34.000 | 35.000 | 35.000 | 35.000 | 35.000 | 36.000 | 34.000 | 34.000 | 36.000 | 36.000 | 35.000 | 38.000 | 36.000 | 34.000 | 34.000 | 34.000 | |
| 181-05 | 182-02 | 183-04 | 184-02 | 185-04 | 186-02 | 187-04 | 188-02 | 189-04 | 190-02 | 191-04 | 192-02 | 193-05 | 194-05 | 195-06 | 196-04 | |
| 5.970 | 7.516 | 9.032 | 9.295 | 10.260 | 9.901 | 10.514 | 9.857 | 10.139 | 9.234 | 9.014 | 7.435 | 5.785 | 5.852 | 8.846 | 8.984 | |
| 7.514 | 9.205 | 11.151 | 11.387 | 12.659 | 12.121 | 12.968 | 12.068 | 12.481 | 11.305 | 11.139 | 9.058 | 6.998 | 7.139 | 10.881 | 11.087 | |
| 34.000 | 35.000 | 38.000 | 36.000 | 34.000 | 34.000 | 36.000 | 36.000 | 38.000 | 38.000 | 38.000 | 36.000 | 34.000 | 35.000 | 35.000 | 36.000 | |
| 194-05 | 195-06 | 196-04 | 197-02 | 198-04 | 199-02 | 200-04 | 201-02 | 202-04 | 203-06 | 204-05 | 205-05 | 206-05 | 207-07 | 208-07 | 209-04 | |
| 5.852 | 8.846 | 8.984 | 9.208 | 10.080 | 9.602 | 10.058 | 9.170 | 8.939 | 8.800 | 5.808 | 5.327 | 7.221 | 8.629 | 10.257 | 9.143 | |
| 7.139 | 10.881 | 11.087 | 11.283 | 12.463 | 11.795 | 12.444 | 11.245 | 11.030 | 10.810 | 7.063 | 5.534 | 8.821 | 10.616 | 12.659 | 11.331 | |
| 35.000 | 35.000 | 36.000 | 34.000 | 36.000 | 36.000 | 36.000 | 36.000 | 36.000 | 36.000 | 36.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | |
| 205-05 | 206-05 | 207-07 | 208-07 | 209-04 | 210-07 | 211-07 | 212-05 | 213-05 | 214-05 | 215-05 | 216-05 | 217-05 | 218-05 | 219-05 | 220-05 | |
| 5.327 | 7.221 | 8.629 | 10.257 | 9.143 | 10.270 | 8.652 | 7.201 | 5.285 | 5.574 | 7.268 | 7.269 | 5.580 | 6.805 | 8.846 | 8.854 | |
| 5.534 | 8.821 | 10.616 | 12.659 | 11.331 | 12.680 | 10.591 | 8.802 | 6.464 | 6.805 | 8.846 | 8.854 | 6.826 | 34.000 | 34.000 | 34.000 | |
| 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | 34.000 | |

MAXIMUM INTEGRATED ASSEMBLY EXPOSURE IS 0.112445D+05 MWD/T IN ASSEMBLY 110
 MAXIMUM PEAK AXIAL EXPOSURE IS 0.137041D+05 MWD/T, OCCURRING AT 36.00 O/D OF THE CORE HEIGHT IN ASSEMBLY 108
 CORE AVERAGE EXPOSURE IS 3.923558E+04 MWD/T
 Equal to 243.42 EFPP

----- BATCH AVERAGE EXPOSURES -----

| BATCH NUMBER | BATCH NAME | AVERAGE EXPOSURE (GWD/T) |
|--------------|------------|--------------------------|
| 1 | A1 | 10.395 |
| 2 | A2 | 9.468 |
| 3 | B1 | 11.007 |
| 4 | B2 | 9.879 |
| 5 | C | 6.282 |
| 6 | C+ | 8.811 |
| 7 | C+ | 9.611 |

Southern California Edison Company



SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

J. G. HAYNES
STATION MANAGER

TELEPHONE
(714) 492-7700

February 26, 1985

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Dear Sir:

Subject: Docket No. 50-362
30-Day Report
Licensee Event Report No. 85-001
San Onofre Nuclear Generating Station, Unit 3

Pursuant to 10 CFR 50.36(c)(2), 10 CFR 50.73(a)(2)(i)(B), 10 CFR 50.73(a)(2)(iv), and Limiting Condition for Operation 3.4.7, Action Statement 'd' of Appendix A, Technical Specifications to Facility Operating License NPF-15 for San Onofre Unit 3, this submittal provides the required 30-day written Licensee Event Report (LER) for an occurrence involving unidentified reactor coolant system leakage. Neither the health and safety of plant personnel nor the public were affected by this event.

If you require any additional information, please so advise.

Sincerely,

Enclosure: LER No. 85-001

cc: F. R. Huey (USNRC Senior Resident Inspector, Units 1, 2 and 3)
J. P. Stewart (USNRC Resident Inspector, Units 2 and 3)

J. B. Martin (Regional Administrator, USNRC Region V)

Institute of Nuclear Power Operations (INPO)

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