

LICENSEE EVENT REPORT

CONTROL BLOCK:

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|

PLEASE PRINT ALL REQUIRED INFORMATION

LICENSEE
NAME

LICENSE NUMBER

LICENSE
TYPE

EVENT
TYPE[illegible]

| EVENT DESCRIPTION | DATE | TIME | LOCATION | STATUS |
|-------------------|------|------|----------|--------|
| ... | ... | ... | ... | ... |

03 During the period of July 17-July 22, 1976 condenser ΔT and discharge canal temperature
7 8 9
03 were not recorded hourly as per ETS Sect. 2.1. Computer data was not valid for the
7 8 9
03 period of July 21, 1976.
7 8 9
03
7 8 9
03
7 8 9
LER 76-30

LER 76-30

SYSTEM CODE CAUSE CODE COMPONENT CODE PRIME COMPONENT SUPPLIER COMPONENT MANUFACTURER VIOLATION

7 8 9 10 11 12 13 14 15 16 17 43 44 45 46 47 48

0 1 1 E I N S T R U N G 0 8 0 -

CAUSE DESCRIPTION

| | | | | |
|----------|---|---|---|---|
| 012 | 7 | 8 | 9 | The computer typers were down from July 17-July 22, 1976. Also, new instrumentation |
| 013 | 7 | 8 | 9 | for canal temperatures and ΔT measurements were installed during this time. Calibration |
| 014 | 7 | 8 | 9 | problems were encountered so hourly data recorded through the end of July was not valid |
| FACILITY | | | | METHOD OF |
| | | | | OR 76-23 |

OR 76-23

| | | | | | | | | | | | | | | |
|-----------------|--|---|--|----------|--|--|--------------|--|---------------------|--|----|--|-----------------------|--|
| 7 8 | | 9 | | 10 11 12 | | | 13 | | 44 | | 45 | | 46 | |
| FACILITY STATUS | | E | | % POWER | | | OTHER STATUS | | METHOD OF DISCOVERY | | a | | DISCOVERY DESCRIPTION | |
| 111 | | | | 0 8 6 | | | | | | | | | Management Review | |

Management Review

| FORM OF ACTIVITY RELEASED | | CONTENT OF RELEASE | | AMOUNT OF ACTIVITY | | LOCATION OF RELEASE | |
|---------------------------|---|--------------------|----|--------------------|----|---------------------|----|
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | | Z | | N/A | | N/A | |

LOCATION OF RELEASE

PERSONNEL EXPOSURES

| NUMBER | | | TYPE | DESCRIPTION |
|--------|---|--|------|-------------|
| 1 | 3 | | 2 | N/A |

PERSONNEL INJURIES

| NUMBER | | | DESCRIPTION |
|--------|---|---|-------------|
| 1 | 0 | 0 | N/A |

OTHER CONSEQUENCES probable

| | | | |
|---|---|---|------|
| 7 | 3 | 5 | None |
|---|---|---|------|

LOSS OR DAMAGE TO FACILITY

| TYPE | | DESCRIPTION |
|------|---|-------------|
| 1 | 3 | N/A |

PUBLICITY

| | |
|----|-----|
| 17 | N/A |
|----|-----|

ADDITIONAL FACTORS

Included with this report are generation and canal data for July, 1976. All

OR 76-23
LER 76-30
Docket 50-220
Continued

19. and condenser ΔT data for July 16-31, 1976 were approximated using past operating experience under similar lake conditions and load levels.

ATTACHMENT

LER 76-30
50-220
NPS 501 OPERATING DATA

YUSEN POINT NUCLEAR STATION
UNIT 1

MONTH July 1976

| DATE | ELECTRICAL GENERATION (MWE) | | | NET DISCHARGE FLOW GPMX10 ⁵ | | | INTAKE CANAL TEMP (°F) | | | DISCHARGE CANAL TEMP (°F) | | |
|------|--------------------------------|-----|-----|---|------|------|---------------------------|-----------|------|------------------------------|------|------|
| | MIN | MAX | AVG | MIN | MAX | AVG | MIN | MAX | AVG | MIN | MAX | AVG |
| 1 | 572 | 584 | 579 | 2.68 | 2.68 | 2.68 | 55.2 | 60.8 | 58.7 | 85.8 | 92.1 | 89.5 |
| 2 | 572 | 581 | 578 | " | " | " | 58.2 | 63.2 | 60.7 | 89.4 | 93.0 | 91.2 |
| 3 | 465 | 580 | 494 | " | " | " | 59.8 | 62.7 | 61.3 | 86.2 | 90.4 | 88.3 |
| 4 | 473 | 484 | 480 | " | " | " | 60.2 | 64.9 | 62.3 | 85.5 | 90.4 | 87.6 |
| 5 | 476 | 485 | 481 | " | " | " | 61.5 | 65.1 | 63.3 | 87.0 | 90.5 | 89.0 |
| 6 | 457 | 480 | 477 | " | " | " | 63.2 | 66.3 | 64.7 | 88.3 | 91.6 | 89.3 |
| 7 | 473 | 482 | 479 | " | " | " | 62.5 | 65.7 | 63.6 | 87.6 | 91.2 | 89.4 |
| 8 | 471 | 479 | 475 | " | " | " | 65.7 | 67.5 | 66.6 | 91.2 | 92.9 | 92.7 |
| 9 | 103 | 476 | 412 | " | " | " | 65.9 | 68.7 | 67.8 | 91.0 | 94.3 | 92.6 |
| 10 | 0 | 0 | 0 | " | " | " | | UNIT DOWN | | | | |
| 11 | 0 | 0 | 0 | " | " | " | | UNIT DOWN | | | | |
| 12 | 0 | 0 | 0 | " | " | " | | UNIT DOWN | | | | |
| 13 | 0 | 0 | 0 | " | " | " | | UNIT DOWN | | | | |
| 14 | 12 | 257 | 95 | " | " | " | | UNIT DOWN | | | | |
| 15 | 257 | 367 | 344 | " | " | " | 64.7 | 67.2 | 65.5 | 81.8 | 86.7 | 85.1 |
| 16 | 353 | 379 | 365 | " | " | " | 64.7 | 66.7 | 65.8 | 86.7 | 88.8 | 83.1 |
| 17 | 373 | 410 | 387 | " | " | " | 65.8 | 68.7 | 67.8 | 88.8 | 94.6 | 91.1 |
| 18 | 405 | 474 | 440 | " | " | " | 66.3 | 67.5 | 67.1 | 89.1 | 94.7 | 93.1 |
| 19 | 470 | 521 | 498 | " | " | " | 62.2 | 65.0 | 64.8 | 89.6 | 95.0 | 94.1 |
| 20 | 517 | 530 | 525 | " | " | " | 65.7 | 68.6 | 64.8 | 95.9 | 99.1 | 94.1 |
| 21 | 494 | 533 | 524 | " | " | " | 61.7 | 69.0 | 63.5 | 90.4 | 99.5 | 92.1 |
| 22 | 525 | 553 | 534 | " | " | " | 62.1 | 65.8 | 63.5 | 91.2 | 95.5 | 93.1 |
| 23 | 526 | 537 | 536 | " | " | " | 65.3 | 69.0 | 67.8 | 95.0 | 99.6 | 97.1 |
| 24 | 523 | 530 | 527 | " | " | " | 67.0 | 68.6 | 67.6 | 97.0 | 99.1 | 98.1 |
| 25 | 517 | 526 | 524 | " | " | " | 66.7 | 67.6 | 67.0 | 95.9 | 97.9 | 97.1 |
| 26 | 517 | 524 | 521 | " | " | " | 66.7 | 69.0 | 67.2 | 95.9 | 97.9 | 97.1 |
| 27 | 507 | 520 | 514 | " | " | " | 60.3 | 67.2 | 65.9 | 89.2 | 97.0 | 95.1 |
| 28 | 500 | 516 | 514 | " | " | " | 60.3 | 68.3 | 65.2 | 89.2 | 93.0 | 94.1 |
| 29 | 510 | 517 | 512 | " | " | " | 65.8 | 68.3 | 66.1 | 94.5 | 97.7 | 95.1 |
| 30 | 507 | 515 | 513 | " | " | " | 67.1 | 68.3 | 66.1 | 95.8 | 97.2 | 95.1 |
| 31 | 507 | 510 | 503 | " | " | " | 60.3 | 68.6 | 65.8 | 89.2 | 93.6 | 94.1 |

ATTACHMENT

July 1976 - Maximum Daily ΔT

| | |
|-----|-----------|
| 1. | 31.3 |
| 2. | 31.4 |
| 3. | 30.3 |
| 4. | 25.7 |
| 5. | 25.7 |
| 6. | 25.3 |
| 7. | 25.5 |
| 8. | 25.6 |
| 9. | 25.7 |
| 10. | Unit Down |
| 11. | Unit Down |
| 12. | Unit Down |
| 13. | Unit Down |
| 14. | 17.7 |
| 15. | 21.6 |
| 16. | *22.4 |
| 17. | 25.9 |
| 18. | 27.2 |
| 19. | 30.0 |
| 20. | 30.5 |
| 21. | 30.5 |
| 22. | 29.7 |
| 23. | 30.6 |
| 24. | 30.5 |
| 25. | 30.3 |
| 26. | 29.9 |
| 27. | 29.8 |
| 28. | 29.7 |
| 29. | 29.4 |
| 30. | 28.9 |
| 31. | 30.0 |

* ΔT 's for July 16-31 were approximated.