

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER  
INCIDENT REPORT

TO: N.C. Moseley

FROM: Florida Power & Light Co.  
Miami, Florida  
A.D. Schmidt

DATE OF DOCUMENT  
2-26-76

DATE RECEIVED  
3-9-76

LETTER  
 ORIGINAL  
 COPY

NOTORIZED  
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

1

DESCRIPTION  
Ltr. trans the following.....

ENCLOSURE  
RO # 76-2, on 2-14-76, concerning Low Level in  
Refueling water storage Tank.....

(1 Cy. Recieved)

DO NOT

PLANT NAME: Turkey Point # 4

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED  
SEND DIRECTLY TO KREGER/J. COLLINS

SAFETY

FOR ACTION/INFORMATION

ENVIRO

RKB 3-11-76

BRANCH CHIEF: Lear  
W/3 CYS FOR ACTION  
 LIC. ASST: Parrish  
W/ 'CYS'  
 ACRS 16 CYS ~~W/3 CYS~~ SENT TO LA

INTERNAL DISTRIBUTION

REG FILE  
 NRC PDR  
 I & E (2)  
 MIPC (3)  
 SCHROEDER/IPPOLITO  
 HOUSTON  
 NOVAK/CHECK  
 GRIMES/SCHWENCER  
 CASE  
 F. WILLIAMS  
 HANAUER  
 TEDESCO/MACCARY  
 EISENHUT  
 BAER  
 SHAO  
 VOLLMER/BUNCH  
 KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: Miami, Florida  
 TIC  
 NSIC

2363

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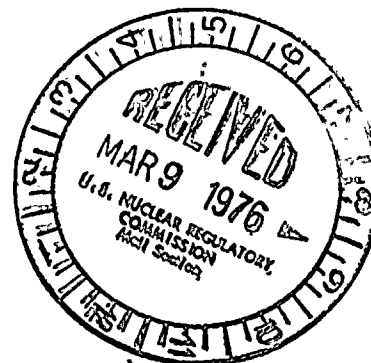
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.....

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February 26, 1976  
PRN-LI-76-33



Mr. Norman C. Moseley, Director, Region II  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
230 Peachtree Street, N. W., Suite 818  
Atlanta, Georgia 30303

Dear Mr. Moseley:

REPORTABLE OCCURRENCE 251-76-2  
TURKEY POINT UNIT 4  
DATE OF OCCURRENCE: FEBRUARY 14, 1976

LOW LEVEL IN REFUELING WATER STORAGE TANK

The attached Licensee Event Report is being submitted in accordance with Technical Specification 6.9.2 to provide prompt notification of the subject occurrence.

Very truly yours,

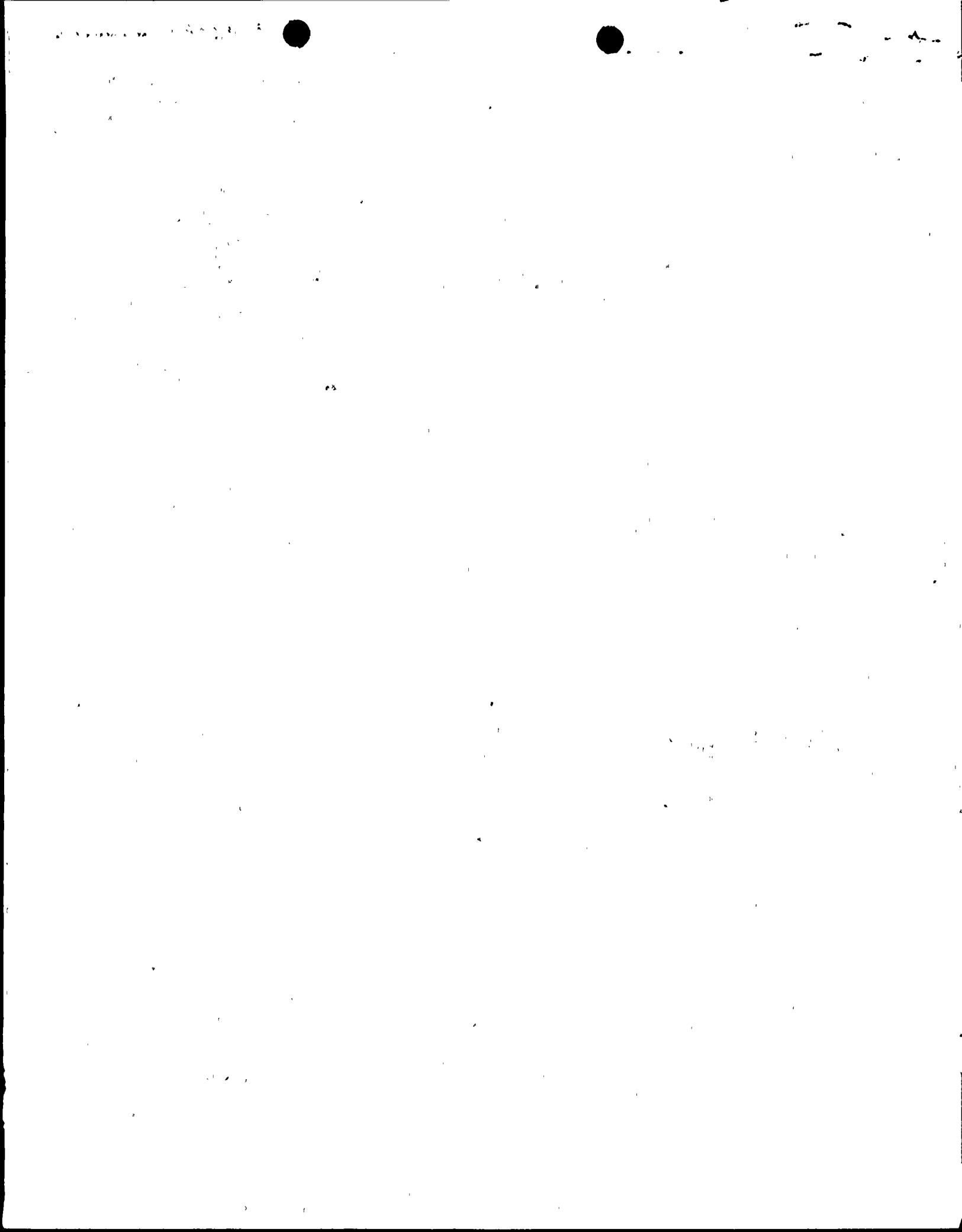
*A. D. Schmidt*  
A. D. Schmidt  
Vice President  
Power Resources

MAS/jn

Attachment

cc: Jack R. Newman, Esquire  
Director, Office of Inspection and Enforcement (40)  
Director, Office of Management Information and Program Control (3)

2363



# LICENSEE EVENT REPORT

CONTROL BLOCK: 

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

(PLEASE PRINT ALL REQUIRED INFORMATION)

|               |      |             |               |               |    |                |   |            |    |    |             |              |    |   |            |   |   |    |    |    |   |   |    |
|---------------|------|-------------|---------------|---------------|----|----------------|---|------------|----|----|-------------|--------------|----|---|------------|---|---|----|----|----|---|---|----|
| LICENSEE NAME |      |             |               |               |    | LICENSE NUMBER |   |            |    |    |             | LICENSE TYPE |    |   | EVENT TYPE |   |   |    |    |    |   |   |    |
| 01            | F    | L           | T             | P             | S  | 4              | 0 | 0          | -  | 0  | 0           | 0            | 0  | 0 | 0          | 4 | 1 | 1  | 1  | 0  | 1 |   |    |
| 7             | 8    | 9           |               |               | 14 | 15             |   |            |    |    | 25          | 26           |    |   | 30         |   |   |    | 31 | 32 |   |   |    |
| CATEGORY      |      | REPORT TYPE | REPORT SOURCE | DOCKET NUMBER |    |                |   | EVENT DATE |    |    | REPORT DATE |              |    |   |            |   |   |    |    |    |   |   |    |
| 01            | CONT | T           | L             | 0             | 5  | 0              | - | 0          | 2  | 5  | 1           | 0            | 2  | 1 | 4          | 7 | 6 | 0  | 2  | 2  | 6 | 7 | 6  |
| 7             | 8    | 57          | 58            | 59            | 60 | 61             |   |            | 68 | 69 |             | 74           | 75 |   |            |   |   | 75 |    |    |   |   | 80 |

## EVENT DESCRIPTION

|    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 02 | During a routine periodic check performed in accordance with Operating Procedure     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80 |
| 03 | 0204.2, a special test gage was used to determine the actual water level in the      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80 |
| 04 | Refueling Water Storage Tank. The tank was found to contain 316,800 gallons which    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80 |
| 05 | is one percent lower than permitted by Technical Specification 3.4.1.a.1. Concurrent |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80 |
| 06 | with makeup to the tank, a unit shutdown per Administrative Procedure 0103.8 was     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80 |

|             |   |            |    |                |    |   |   |                          |    |                        |    |   |           |    |    |
|-------------|---|------------|----|----------------|----|---|---|--------------------------|----|------------------------|----|---|-----------|----|----|
| SYSTEM CODE |   | CAUSE CODE |    | COMPONENT CODE |    |   |   | PRIME COMPONENT SUPPLIER |    | COMPONENT MANUFACTURER |    |   | VIOLATION |    |    |
| 07          | I | F          | B  | I              | N  | S | T | R                        | U  | N                      | B  | O | 4         | 0  | Y  |
| 7           | 8 | 9          | 10 | 11             | 12 |   |   |                          | 17 | 43                     | 44 |   |           | 47 | 48 |

## CAUSE DESCRIPTION

|    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|----|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 08 | At the time of the occurrence, the control room gage read 323,000 gallons. The gage |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80 |
| 09 | is a wide range Bailey Type PM multi-point indicator gage. The proposed long range  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80 |
| 10 | corrective action includes the installation of a narrow range gage in the Control   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80 |

|                 |   |         |    |              |    |    |  |                     |    |                         |    |  |    |
|-----------------|---|---------|----|--------------|----|----|--|---------------------|----|-------------------------|----|--|----|
| FACILITY STATUS |   | % POWER |    | OTHER STATUS |    |    |  | METHOD OF DISCOVERY |    | DISCOVERY DESCRIPTION   |    |  |    |
| 11              | E | 1       | 0  | 0            | NA |    |  |                     | b  | Weekly RWST level check |    |  |    |
| 7               | 8 | 9       | 10 | 11           | 12 | 13 |  |                     | 44 | 45                      | 46 |  | 80 |

|                           |   |                    |    |                    |  |  |    |                     |    |  |  |  |    |
|---------------------------|---|--------------------|----|--------------------|--|--|----|---------------------|----|--|--|--|----|
| FORM OF ACTIVITY RELEASED |   | CONTENT OF RELEASE |    | AMOUNT OF ACTIVITY |  |  |    | LOCATION OF RELEASE |    |  |  |  |    |
| 12                        | Z | Z                  | NA |                    |  |  | NA |                     |    |  |  |  |    |
| 7                         | 8 | 9                  | 10 | 11                 |  |  |    | 44                  | 45 |  |  |  | 80 |

## PERSONNEL EXPOSURES

|        |   |      |             |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|--------|---|------|-------------|----|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| NUMBER |   | TYPE | DESCRIPTION |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| 13     | 0 | 0    | 0           | Z  | NA |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| 7      | 8 | 9    | 10          | 11 | 12 | 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80 |

## PERSONNEL INJURIES

|        |   |             |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|--------|---|-------------|----|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| NUMBER |   | DESCRIPTION |    |    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| 14     | 0 | 0           | 0  | NA |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| 7      | 8 | 9           | 10 | 11 | 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80 |

## PROBABLE CONSEQUENCES

|    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 15 | NA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80 |
|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

## LOSS OR DAMAGE TO FACILITY

|      |   |             |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|------|---|-------------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| TYPE |   | DESCRIPTION |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| 16   | Z | NA          |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| 7    | 8 | 9           | 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80 |

## PUBLICITY

|    |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 17 | NA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80 |
|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

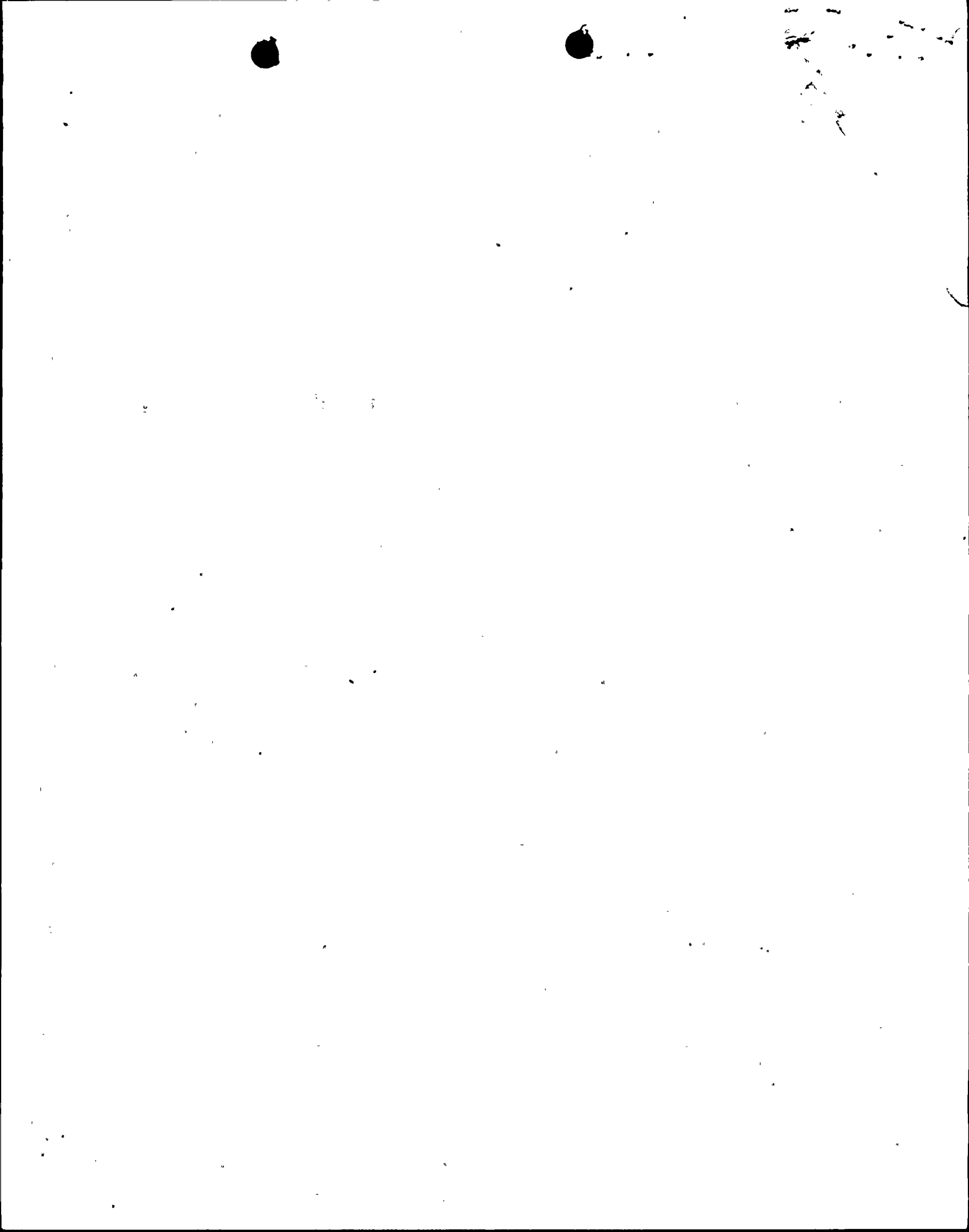
## ADDITIONAL FACTORS

|    |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|----|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 18 | See following page for continuation of Event Description and Cause Description. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80 |
|----|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

|    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 80 |
|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|

NAME: M. A. Schoppman

PHONE: 305/552-3779

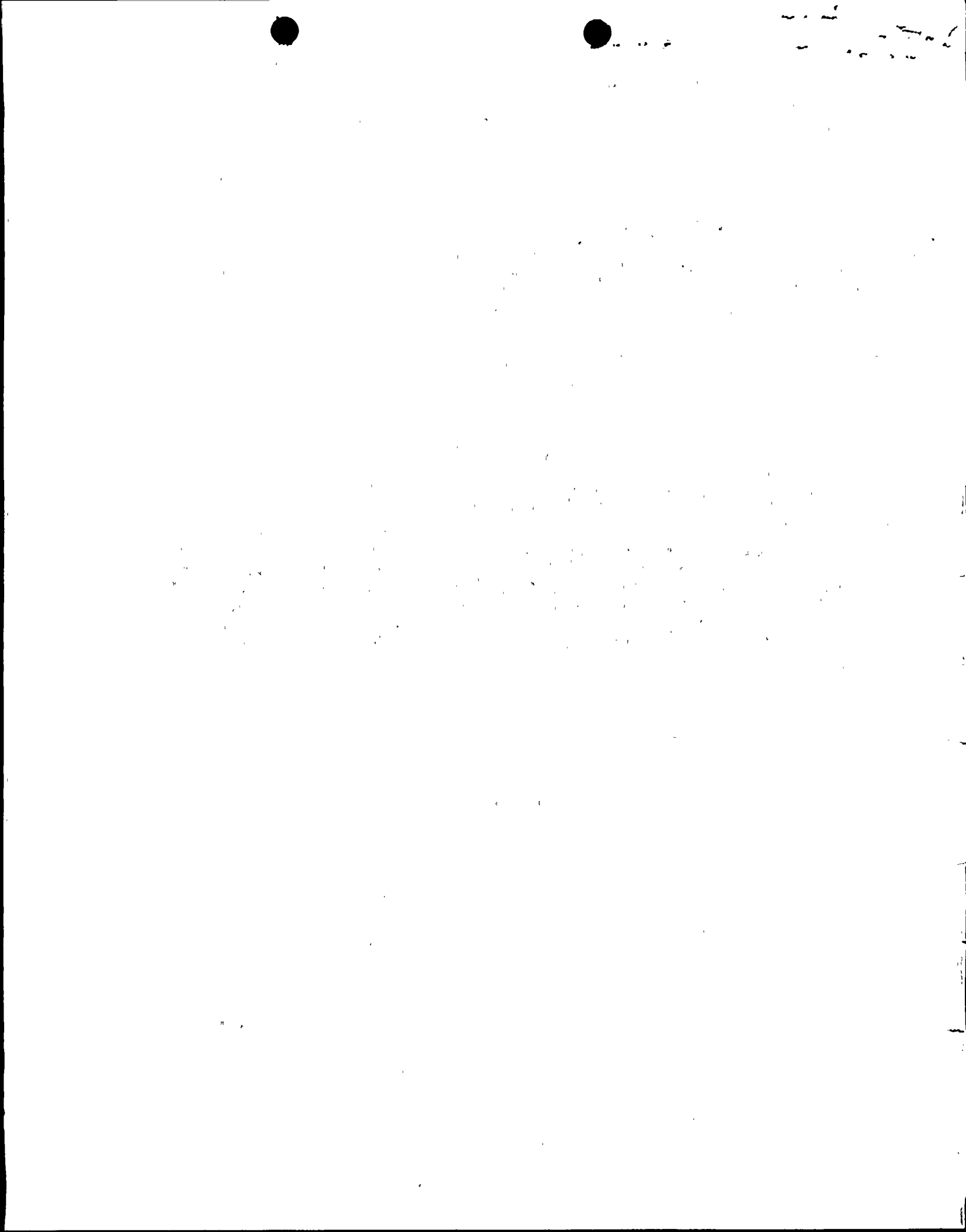


Event Description (continued)

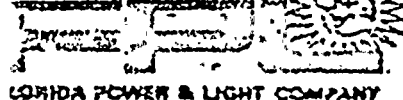
initiated. Approximately one-half hour later, the tank level was within specification. This is the first Reportable Occurrence related to a non-conservative Refueling Water Storage Tank level. (251-76-2).

Cause Description (continued)

Room as a backup to the wide range gage, and the installation of an Ashcroft test gage on each RWST as a permanent local backup to the Control Room gages. If local gages are installed, a program will be developed to provide adequate periodic calibration. A design review of the RWST level indicating system is being conducted to evaluate the feasibility of the proposed corrective action. A supplementary report will be submitted if the actual corrective action is different from the proposed corrective action.







INTER-OFFICE CORRESPONDENCE

|         |  |           |                    |              |
|---------|--|-----------|--------------------|--------------|
| TO      | File   | LOCATION  | Turkey Point Plant |              |
| FROM    | J. K. Hays   | DATE      | February 17, 1976  |              |
| SUBJECT | UNIT 4 REPORTABLE OCCURRENCE<br>NO. 251-76-2, REFUELING WATER<br>STORAGE TANK CONTENTS BELOW<br>LCO QUANTITY | COPIES TO | H. E. Yaeger       | D. W. Hays   |
|         |  |           | J. E. Moore        | D. W. Jones  |
|         |  |           | V. B. Wager        | A. K. Hardin |
|         |  |           | J. E. Tucker       | (by telec.)  |
|         |  |           | J. P. Mendieta     |              |

*Reg. Files*

Following are the preliminary facts related to this reportable occurrence:

1. On Saturday day shift, 2/14/76, the routine periodic check of Refueling Water Storage Tank level was performed in accordance with Operating Procedure O204.2. This check consists of connecting a special test gage to determine the actual tank level and comparing this value to the control room indication.
2. From the head pressure it was determined that the actual No. 4 RWST contents were 316,800 gallons which is below the Tech Spec (3.4.1.a.1) LCO value of 320,000 gallons. At this time the control room gage read 323,000 gallons.
3. When it was determined that the RWST was below the LCO value (9:30 a.m.) a unit shutdown was initiated per Administrative Procedure O103.8 and makeup to the RWST was initiated concurrently.
4. The RWST was within specification and the load reduction was terminated at 9:56 a.m. after a 25 MWe reduction.
5. A review of records and discussion with operations personnel indicates makeup water was transferred to No. 4 Spent Fuel Pit from No. 4 RWST on the Friday 2/13/76 mid shift.

Mr. A. K. Hardin, USNRC, has been notified of this occurrence by telephone.

*J. K. Hays*  
J. K. Hays

Plant Superintendent - Nuclear

JKH:ba

