

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER  
INCIDENT REPORT

TO:  
Mr. Norman C. Moseley

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

DATE OF DOCUMENT  
5/2/77

DATE RECEIVED  
5/27/77

LETTER  
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 UNCLASSIFIED

PROP  
INPUT FORM

NUMBER OF COPIES RECEIVED  
**1 SIGNED**

DESCRIPTION

**ACKNOWLEDGED  
DO NOT REMOVE**

PLANT NAME:  
Turkey Point Unit No. 4 (1-P)

RJL

ENCLOSURE

Licensee Event Report (RO 50-251/77-3) on 4/18/77 concerning discussions with their vendor showing that Tech Spec Fig. 2.1-1, "Reactor Core Thermal & Hydraulic Safety Limits", requires revision.....

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

FOR ACTION/INFORMATION

BRANCH CHIEF:	<i>Leav</i>
W/3 CYS FOR ACTION	
LIC. ASST.:	<i>Parrish</i>
W/1 CYS	
ACRS 16 CYS HOLDING/SENT	<i>AS CAT B</i>

INTERNAL DISTRIBUTION

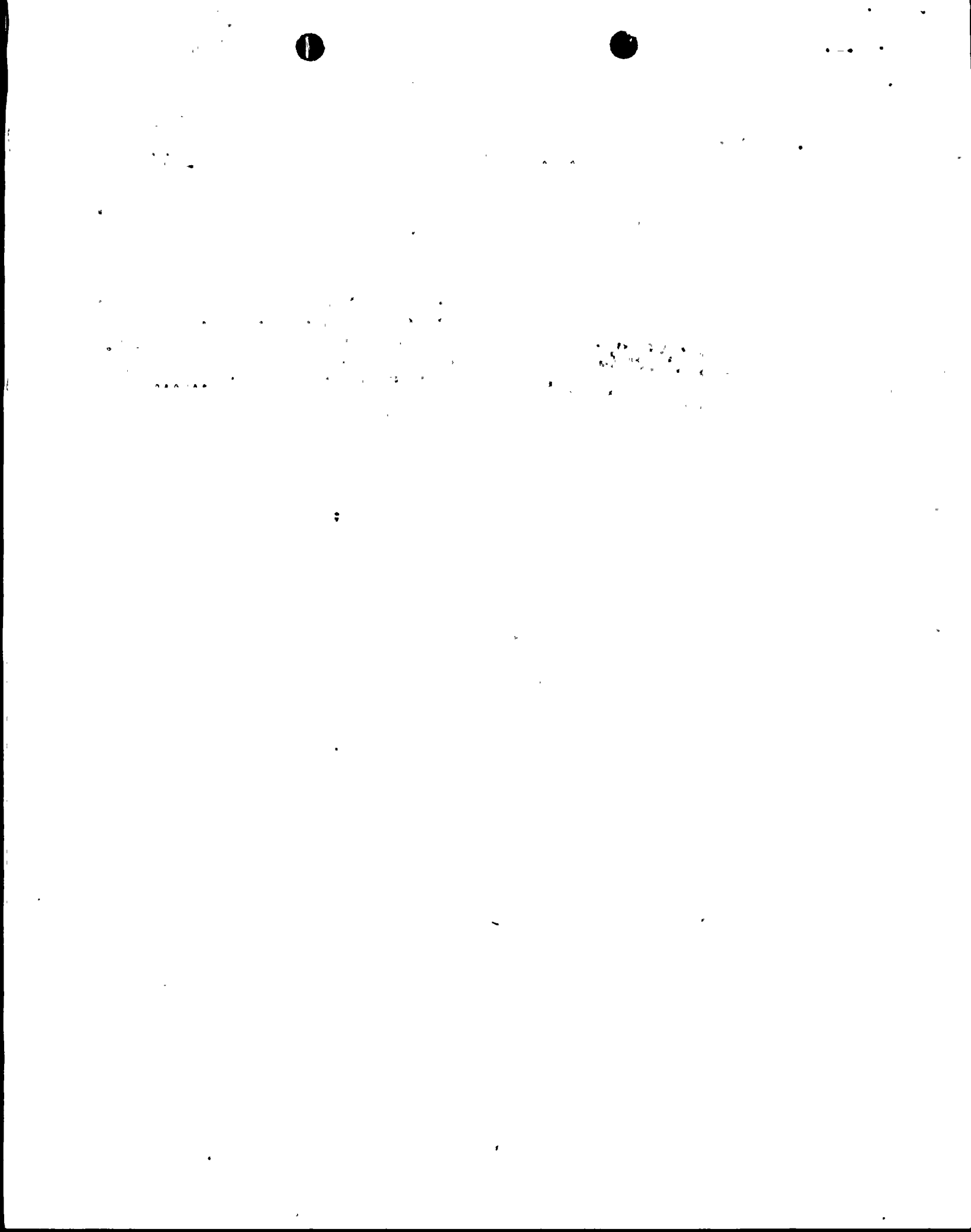
<input checked="" type="checkbox"/> REG FILE			
NRC PDR			
I & E (2)			
MIPC			
SCHROEDER/IPPOLITO			
HOUSTON			
NOVAK/CHECK			
GRIMES			
BUTLER			
HANAUER			
TEDESCO/MACCARY			
EISENHUT			
BAER			
SHAO			
VOLLMER/BUNGH			
KREGER/J. COLLINS			

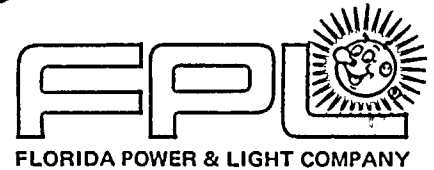
EXTERNAL DISTRIBUTION

LPDR: <i>Norman J. Elu</i>	
TIC:	
NSIC:	

CONTROL NUMBER

**771470169**



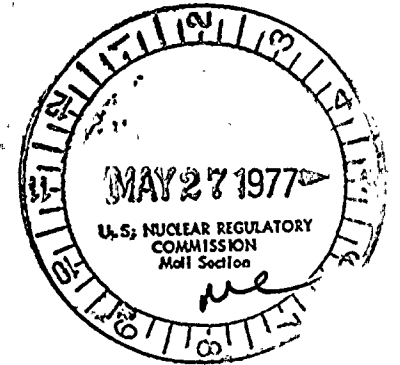


May 2, 1977

PRN-LI-77-130

50-251  
Regulatory

FILED



Mr. Norman C. Moseley, Director, Region II  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
230 Peachtree Street, N. W., Suite 1217  
Atlanta, Georgia 30303

Dear Mr. Moseley:

REPORTABLE OCCURRENCE 251-77-3  
TURKEY POINT UNIT 4  
DATE OF OCCURRENCE: APRIL 18, 1977

NOMINAL POWER

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,

*J.R. Benson*  
for A. D. Schmidt  
Vice President  
Power Resources

MAS/cpc

Attachment

cc: Robert Lowenstein, Esquire  
Director, Office of Inspection and Enforcement (40)  
Director, Office of Management Information and  
Program Control (3)

771470169

1950

1951

# LICENSEE EVENT REPORT

CONTROL BLOCK: \_\_\_\_\_

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME: [01] F L T P S 4  
LICENSE NUMBER: [00] - [00] 0000 - [00]  
LICENSE TYPE: [4] 1 1 1 1  
EVENT TYPE: [0] 1

CONT: [01] CATEGORY: [ ] [ ] REPORT TYPE: [T] REPORT SOURCE: [L]  
DOCKET NUMBER: [0] 5 [0] - [0] 2 [5] [1]  
EVENT DATE: [0] 4 [1] 8 [7] [7]  
REPORT DATE: [0] 4 [2] 9 [7] [7]

### EVENT DESCRIPTION

[02] Discussions with our NSSS vendor have shown that Technical Specification Figure 2.1-1,  
[03] "Reactor Core Thermal and Hydraulic Safety Limits", requires revision. An analysis  
[04] performed at 2200 Mwt has yielded a corrected Figure 2.1-1 applicable to both Units 3  
[05] and 4. No changes to setpoints, operating limits, or operating practices are required  
[06] as a result of this correction. Neither unit has ever operated nonconservatively as a

SYSTEM CODE: [Z] [Z] CAUSE CODE: [F] COMPONENT CODE: [Z] [Z] [Z] [Z] [Z] [Z]  
PRIME COMPONENT SUPPLIER: [Z] COMPONENT MANUFACTURER: [Z] [9] [9] [9]  
VIOLATION: [N]

### CAUSE DESCRIPTION

[08] This occurrence was caused by a difference between the values of "nominal power" applied  
[09] to Turkey Point Units 3 and 4 by FPL and the NSSS vendor. The vendor performs analyses  
[10] based on a nominal power of 2200 Mwt, our licensed steady state reactor core thermal

FACILITY STATUS: [E] % POWER: [1] [0] [0] OTHER STATUS: NA METHOD OF DISCOVERY: [d] DISCOVERY DESCRIPTION: NSSS Vendor Discussions

FORM OF ACTIVITY RELEASED: [Z] CONTENT OF RELEASE: [Z] AMOUNT OF ACTIVITY: NA LOCATION OF RELEASE: NA

### PERSONNEL EXPOSURES

[13] NUMBER: [0] [0] [0] TYPE: [Z] DESCRIPTION: NA

### PERSONNEL INJURIES

[14] NUMBER: [0] [0] [0] DESCRIPTION: NA

### PROBABLE CONSEQUENCES

[15] NA

### LOSS OR DAMAGE TO FACILITY

[16] TYPE: [Z] DESCRIPTION: NA

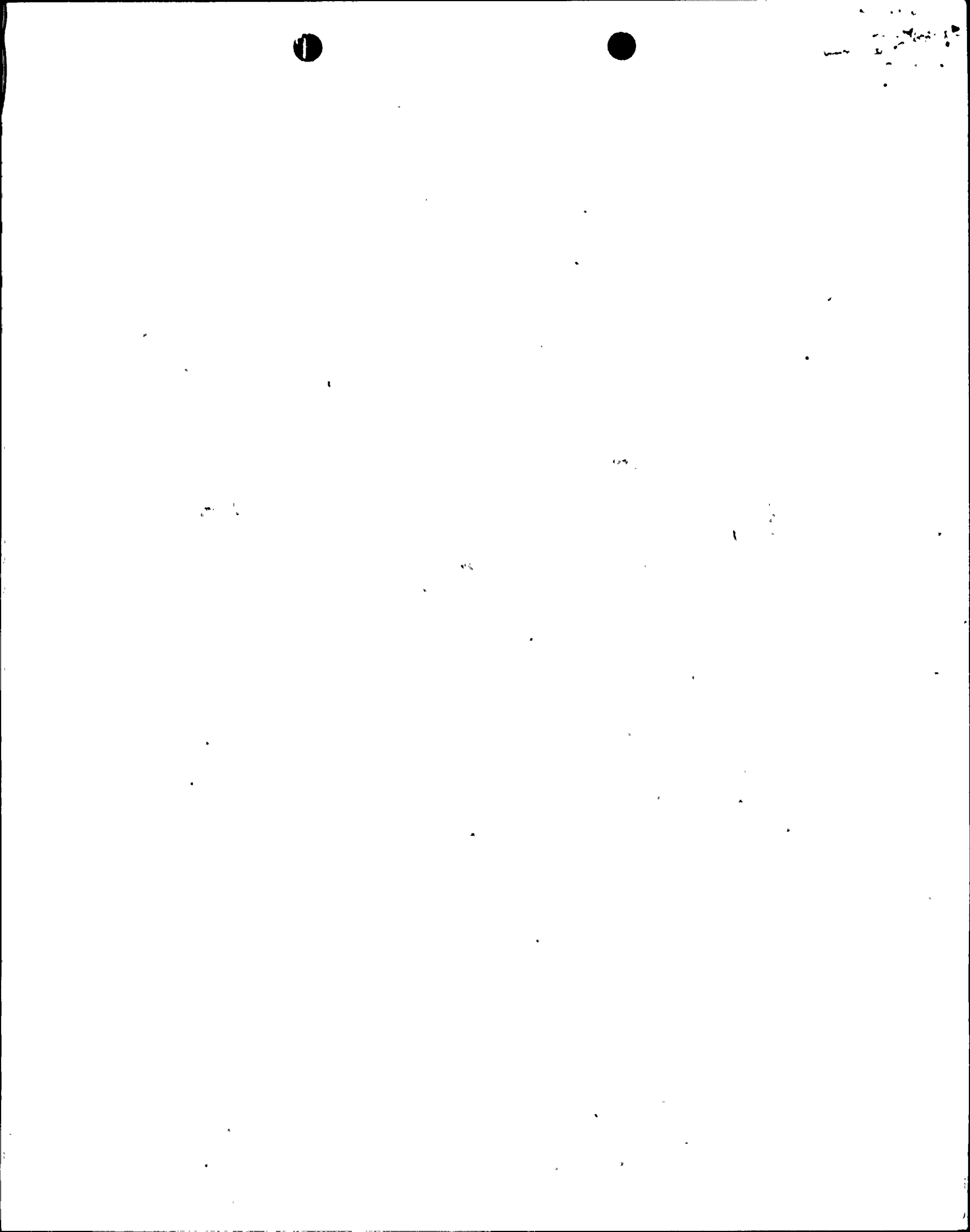
### PUBLICITY

[17] NA

### ADDITIONAL FACTORS

[18] See Page Two for continuation of Event Description and Cause Description.

[19]



REPORTABLE OCCURRENCE 251-77-3  
LICENSEE EVENT REPORT  
PAGE TWO

Event Description (continued)

result of the minor discrepancy in Figure 2.1-1. This was the first reportable occurrence at Turkey Point Unit 4 involving a nonconservative specification on reactor core thermal and hydraulic safety limits. A similar report (250-77-5) will be submitted for Unit 3.

(251-77-3)

Cause Description (continued)

power output. However, they recently advised us that the specific number being used for analytical work was 2192 Mwt. An analysis performed at 2200 Mwt showed that, in a single case, it would be necessary to make a minor administrative change to a Technical Specification (Figure 2.1-1). Figure 2.1-1 has been adjusted downward the necessary amount (approximately 1.5°F) to compensate for the correction. A proposed Technical Specification amendment will be submitted to the NRC to request a formal change correcting Figure 2.1-1.

17A 2 2 2-11-11

MAY 5 9 57 AM '77

U.S.A.E.C.  
REGULATORY OPERATIONS  
REGION II  
ATLANTA, GA.