(TEMPORARY FORM)

CONTROL NO: 8484

FILE: INCIDENT REPORT FILE

FROM: Florida Power & Light Co. Miami, Fla. A.D. Schmidt	DATE OF DOC 8-5-75	DATE REC'D 8-9-75	LTR XXX	TWX	RPT	OTHER
TO: Benard C. Rusche	ORIG 1 Signed	CC	OTHER	SENT AEC PDR XXXX SENT LOCAL PDR XXXX		
CLASS	UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-251	

DESCRIPTION:

Abnormal Occurrence # 75-4, on 3-12-75.....
Furnishing Supplementary Report # 2--Lateral Restraints For Spent Fuel Racks Broken.....

PLANT NAME: Turkey Point # 4

ENCLOSURES:

FOR ACTION/INFORMATION VCR 8-14-75

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Regulatory Docket File

P.O. BOX 013100, MIAMI, FLORIDA 33101

FPL
FLORIDA POWER & LIGHT COMPANY

August 5, 1975

DOCKETED USNRC AUG 9 1975 Docket Section

Mr. Benard C. Rusche, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Rusche:

ABNORMAL OCCURRENCE NO. 251-75-4
TURKEY POINT UNIT NO. 4
DATE OF OCCURRENCE: MARCH 12, 1975

SUPPLEMENTARY REPORT NO. 2 -
LATERAL RESTRAINTS FOR SPENT
FUEL RACKS BROKEN

A. BACKGROUND

In early March, several stainless steel seismic restraint springs installed on Unit 4 spent fuel racks were found broken. The situation was reported as Abnormal Occurrence No. 251-75-4. Our intended corrective action at that time was to replace the broken springs. However, during subsequent inspection, more broken springs were found, therefore, it was decided to replace all Unit 4 springs with new springs fabricated according to approved procedures. On May 1, we issued a Supplementary Report to inform you we had completed Unit 4 seismic spring replacement.

The initial Unit 4 Abnormal Occurrence report also noted the discovery of a similarly broken spring on a Unit 3 spent fuel rack. In late March, when the magnitude of the Unit 4 spring problem increased, it was decided to expand the Unit 3 inspection to determine if a similar problem existed there.

B. UNIT NO. 3 INSPECTION RESULTS

An underwater television inspection of Unit 3 spent fuel rack seismic restraint springs has been conducted. The inspection included springs mounted on all four sides of the spent fuel racks. Of 70 springs inspected, 18 were cracked and 7 were possibly cracked. Therefore, we have concluded that all Unit 3 springs will have to be replaced and have

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terminated the inspection without looking at the remaining 46 springs. NRC inspectors who were subsequently on site received this information verbally and included it as a part of IE Report Nos. 50-250/75-8 and 50-251/75-8.

C. CORRECTIVE ACTION

All Unit 3 spent fuel rack seismic restraint springs will be replaced with new springs currently on hand at Turkey Point. The new springs were fabricated similarly to the Unit 4 replacement springs. Replacement work will be conducted from above the spent fuel pool using remotely operated tools which are now being manufactured. Work will begin following tool manufacture and development of acceptable replacement procedures. When Unit 3 seismic spring replacement has been completed, a supplementary report will be submitted.

Very truly yours,

A. D. Schmidt
Vice President
Power Resources

MAS/cpc

cc: Mr. Norman C. Moseley
Jack R. Newman, Esquire