

MAR 5 1976

DISTRIBUTION

Docket File  
NRC PDR  
Local PDR  
LWR-3 Reading  
OI&E (3)  
ACRS (16)  
TBAbernathy, TIC  
JRBuchanan, DNET  
RCDeYoung  
OParr  
HRood

Docket No. 50-335

Florida Power & Light Company  
ATTN: Mr. Robert E. Hhrig  
Vice President of Nuclear  
Affairs

P. O. Box 3100  
Miami, Florida 33101

Gentlemen:

You requested by telephone conversation on March 5, 1976, a temporary suspension to the St. Lucie Technical Specifications. We hereby grant your request as follows:

The requirements relating to the operability of the Spent Fuel Storage Pool crane interlocks which limit crane loads to a maximum of 2000 pounds are suspended from applicability until midnight March 19, 1976, subject to the following provisions:

1. The Spent Fuel Storage Pool shall not contain water, and
2. The crane loads shall be limited to either a single fuel assembly or a single Control Element Assembly.

The above change is granted because there is no significant hazard consideration involved and the change does not endanger the health and safety of the public.

Sincerely,

Original signed by  
D. B. Vassallo *[Signature]*

Richard C. DeYoung, Assistant Director  
for Light Water Reactors  
Division of Project Management

|           |                     |                 |                             |  |  |
|-----------|---------------------|-----------------|-----------------------------|--|--|
| OFFICE →  | DPM:LWR-3           | DPM:LWR-3       | DPM:LWR                     |  |  |
| SURNAME → | HRood:djc <i>HR</i> | OParr <i>OP</i> | <i>DeYoung</i><br>RCDeYoung |  |  |
| DATE →    | 3/5/76              | 3/5/76          | 3/5/76                      |  |  |

SAFETY EVALUATION BY OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 1 TO DPR-67

FLORIDA POWER AND LIGHT COMPANY

ST. LUCIE PLANT UNIT NO. 1

DOCKET NO. 50-335

Introduction

By telephone conversation on March 5, 1976, the licensee requested a change to Technical Specification 4.9.7 for St. Lucie 1. This specification requires that the spent fuel storage pool crane interlocks which prevent crane travel with loads in excess of 2000 pounds over fuel assemblies shall be demonstrated operable within 7 days prior to crane use and at least once per 7 days thereafter during crane operation.

Discussion

The licensee stated that during the currently-in-progress initial loadings of new fuel into the reactor vessel, the crane interlock was malfunctioning, such that the interlock would on occasion prevent the 1750 pound fuel assemblies from being lifted. Conversely, when tested, the interlock would on occasion permit loads in excess of 2000 pounds to be lifted. This indicates an intermittent condition.

The licensee proposed that the requirement for the interlock be temporarily suspended to allow fuel loading to continue. The licensee proposed to administratively limit the crane from lifting more than 2000 pounds by limiting the objects lifted to a fuel element assembly or a control element assembly, neither of which weighs in excess of 2000 pounds.

The licensee further indicated that the fuel pool is dry, which will prevent criticality if a heavy load were to be dropped on the stored fuel. Also, only unirradiated fuel is in the pool, which precludes release of fission products in the event of damage to fuel by a dropped load.

Conclusions

We have reviewed the information verbally provided by the applicant and we have concluded, based on the considerations discussed above, that:

(1) because the changes do not involve a significant increase in the probability or consequences of accidents previously considered and do not involve a significant decrease in a safety margin, the changes do

not involve a significant hazards consideration; (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner; and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Therefore, the portion of Technical Specification 4.9.7 relating to the crane interlock is suspended until midnight, March 19, 1976, provided that:

1. The spent fuel storage pool shall not contain water, and
2. The crane loads shall be limited to either a single fuel assembly or a single control element assembly.