



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA ST., N.W., SUITE 3100  
ATLANTA, GEORGIA 30303

MAY 8 1980

In Reply Refer To:

RII:JPO

50-302

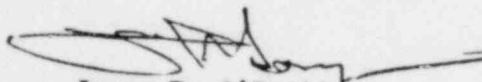
Florida Power Corporation  
Attn: J. A. Hancock, Director  
Nuclear Operations  
P. O. Box 14042, Mail Stop C-4  
St. Petersburg, Florida 33733

Gentlemen:

The enclosed Information Notice provides early notification of an event that may have safety significance. Accordingly, you should review the Information Notice for possible applicability to your facility.

No specific action or response is requested at this time; however, contingent upon the results of further staff evaluation, a Bulletin or Circular recommending or requesting specific licensee actions may be issued. If you have questions regarding this matter, please contact me.

Sincerely,



James P. O'Reilly  
Director

Enclosures:

1. IE Information Notice  
No. 80-20
2. List of Recently Issued  
IE Information Notices

8007240202

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MAY 8 1980

Florida Power Corporation

-2-

cc w/encl:

D. C. Poole

Nuclear Plant Manager

Post Office Box 1240

Crystal River, Florida 32629

SSINS No.: 6870  
Accession No.:  
8002280671

IE Information Notice 80-20

Description of Circumstances:

Since the plant was in a refueling mode, many systems or components were out of service for maintenance or testing purposes. In addition, other systems and components were deactivated to preclude their inadvertent actuation while in a refueling mode. Systems and components that were not in service or deactivated included:

In brief, the event was due to the tripping of a non-safeguards feeder breaker in 13.8 KV Switchgear Bus 3. Because of the extensive maintenance and testing activities being conducted at the time, Channels 1 and 3 of the Reactor Protection System (RPS) and Safety Features Actuation System (SFAS) were being energized from only one source, the source emanating from the tripped breaker. Since the SFAS logic used at Davis-Besse is a two-out-of-four input scheme in which the loss (or actuation) of any two input signals results in the actuation of all four output channels (i.e., Channels 1 and 3, and Channels 2 and 4), the loss of power to Channels 1 and 3 bistables also resulted in actuation of SFAS Channels 2 and 4. The actuation of SFAS Channels 2 and 4, in turn, resulted in the actuation of the Decay Heat Loop No. 2, the operating loop.

ANO 8002280671  
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