

September 5, 1984

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-84-58

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region II staff on this date.

FACILITY: Florida Power and Light Company
St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
St. Lucie, Florida

Licensee Emergency Classification:
 Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

SUBJECT: MEDIA INTEREST IN JELLYFISH CLOGGING OF COOLING WATER INTAKE

Media interest is continuing in the clogging of the cooling water intake for St. Lucie Units 1 and 2 by an unusually large number of very large jellyfish, a condition which has prevented normal operation of both units since August 31. As of today, Florida Power and Light Company (FPL) has received more than 75 media inquiries, including some from abroad.

The clogging made it necessary for St. Lucie Unit 1 to reduce power from 100 to 50 percent at midnight on August 30. The reactor was further reduced to hot standby at 4:30 a.m. on August 31 after two screens and a screen wash pump failed. The situation also prevented the return to service of St. Lucie Unit 2, which had tripped from 100 percent power at 1:55 p.m. on August 30 because of a low steam generator level.

Unit 1 was restarted at 6:50 a.m. on September 2, but continued clogging of the intake made it necessary for the unit to be shut down from 30 percent power at 3:30 p.m.

FPL is continuing to evaluate various means to clear the intake area. Both Units 1 and 2 are critical and ready to resume operations once the high capacity cooling capability is assured.

This PN is issued for information only.

Contact: K. M. Jenison, 242-5350

S. A. Elrod, 242-5536

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