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 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co.      05000335  
       50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co.      05000389  
 AUTH. NAME      AUTHOR AFFILIATION  
 SAGER, D.A.      Florida Power & Light Co.  
 RECIPIENT NAME      RECIPIENT AFFILIATION  
                          Document Control Branch (Document Control Desk)

SUBJECT: NPDES noncompliance notification: on 910831, West Indian  
           manatee observed in intake canal. FL Dept of Natural  
           Resources observed animal to be in no immediate danger.  
           Animal taken to zoo in Tampa, LA for observation & treatment.

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U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

Gentlemen:

Re: St. Lucie Units 1 and 2  
Docket Nos. 50-335 and 50-389  
Manatee in St. Lucie Plant Cooling Water Intake Canal

The following event is submitted in accordance with Section 4.1 of the Environmental Protection Plan.

Should you have any questions concerning this event, please contact us.

Very truly yours,

D. A. Sager  
Vice President  
St. Lucie Plant

DAS:JJB:kw

Attachment

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC  
Senior Resident Inspector, USNRC, St. Lucie Plant

DAS/PSL#523-91

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At about 4:15 P.M. on Saturday, August 31, 1991 a West Indian manatee was observed in the intake canal of the St. Lucie Plant. The animal was repeatedly observed offshore around the cooling water intake construction platform earlier in the day (1-3 PM) by construction personnel. At 8:00 P.M. a biologist qualified in manatee behavior observed the animal in the canal and made an assessment that the animal was not in immediate danger.

On Sunday, September 1, from 8:15 - 10:15 A.M., the animal again was observed by FPL personnel and determined that it was in no immediate danger by its confinement in the intake canal.

Starting around 10:15 A.M., Sunday, federal and state agencies were notified. The Florida Department of Natural Resources (DNR) sent one of their personnel to observe the animal between 2-3:00 P.M. and also concluded that the animal was in no immediate danger. Discussion on a capture attempt was postponed to Tuesday, September 3.

The animal was successfully removed from the canal by Florida DNR personnel at 4:45 P.M. Tuesday. The animal was safely transported to Lowry Park Zoo located in Tampa, Florida for observation and treatment of a previously incurred boat propeller wound.

