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

SUBJECT: NPDES noncompliance notification: on 920714, discovered loss of pump suction on hydrazine chemical feed sys tanks, resulting in discharge of 72 lbs of hydrazine to storm drain sys. Caused by open drain valve. Investigation underway.

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TITLE: Environmental Event Report (per Tech Specs)

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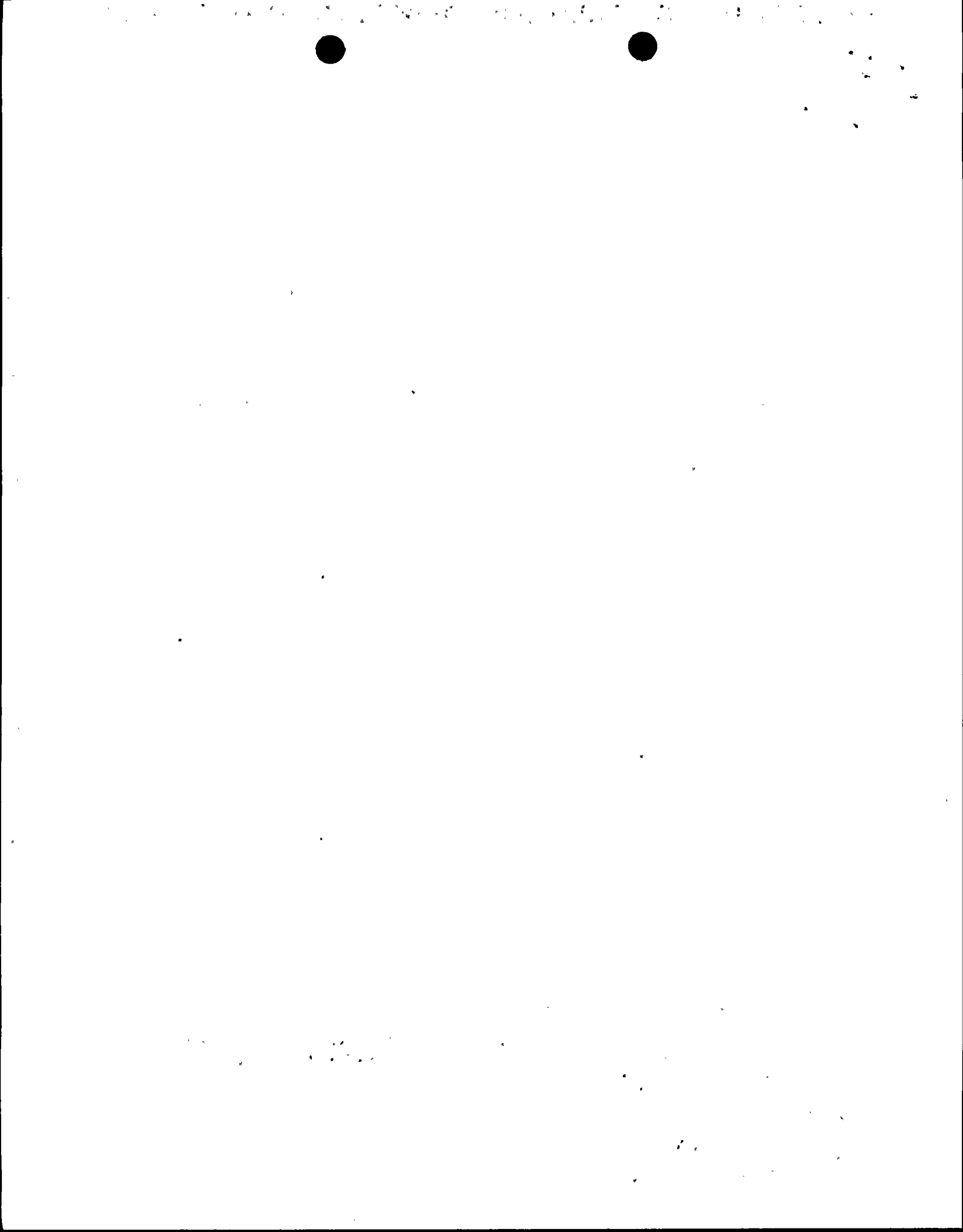
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P.O. Box 128, Ft. Pierce, FL 34954-0128

July 17, 1992

L-92-212
10 CFR 50.36b
EPP 5.4.2

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

Re: St. Lucie Unit 2
Docket No. 50-389
Environmental Protection Plan Report
Date of Event: July 14, 1992, 1992
Non-routine Environmental Event

The attached Report is being submitted pursuant to the requirements of Section 5.4.2 of the St. Lucie Unit 2 Environmental Protection Plan. The attached provides a description of a reportable hydrazine release to the on-site stormwater basin at the St. Lucie Plant.

Very truly yours,

A handwritten signature in dark ink, appearing to read "D. A. Sager", written in a cursive style.

D. A. Sager
Vice President
St. Lucie Plant

DAS/GRM/kw

Attachment

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

DAS/PSL #736-92

9207270230 920717
PDR ADOCK 05000389
S PDR

an FPL Group company

Handwritten initials in dark ink, possibly "DEB", written in a stylized, slanted cursive font.



Handwritten marks and scribbles in the top right corner.

Faint, illegible text or markings in the center of the page.

Handwritten marks and scribbles in the lower right quadrant.

Handwritten marks and scribbles at the bottom of the page.



FPL

July 17, 1992

P.O. Box 8768, West Palm Beach, FL 33407-0768
5500 Village Blvd.

Mr. Tim Powell
Florida Department of Environmental Regulation
Southeast District
1900 South Congress Ave., Suite A
West Palm Beach, Florida 33406

**Re: Hydrazine Release
St. Lucie Plant**

Dear Mr. Powell:


As a follow-up to our July 14, 1992 verbal report to the FDER, this written report is being provided for the subject event as you requested. At approximately 2:30 a.m. on July 14, 1992, St. Lucie plant personnel discovered a loss of pump suction on the Unit 2 hydrazine chemical feed system tanks. An investigation revealed that the chemical feed tanks, which collectively hold approximately 200 gallons of dilute hydrazine solution, were empty. Further investigation revealed that a drain valve from a pump connected to the tanks was partially open. An analysis of activities leading up to the open drain valve discovery revealed that the probable cause was inadvertent bumping of the drain valve to the open position during maintenance on the chemical feed system on July 13, 1992.

The released hydrazine solution resulted in the discharge of approximately 72 pounds of hydrazine to the storm drain system which drains to the onsite West Stormwater Basin, an evaporation/percolation basin with no surface water outfall. FPL does not believe that the release constituted an off-site release as defined under Section 304 of SARA Title III, but was reportable under CERCLA, since hydrazine has an RQ of one (1) pound. The event was reported to the National Response Center and as a courtesy to the State Emergency Response Commission and the District 10, Local Emergency Planning Committee on the morning of July 14, 1992.

The release did not result in any on or offsite health or safety impacts and no emergency response and/or clean-up actions were required. Plant personnel are investigating corrective action measures. Initially, the drains from all chemical injection pumps have been capped to prevent releases to the storm drain system. Additionally, the engineering feasibility of secondary containment for the chemical feed system is being investigated.

If there are any questions, please telephone Alan Benedict at 407-697-6964.

Sincerely,


Larry L. Leskovjan
Manager
Hazardous Substances Regulation

LLL:ku

cc: Eve Rainey - SERC
Bruce Pisani - District 10 LEPC

