



April 15, 1994

L-94-095
10 CFR 73.71

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

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Safeguards Event Log Entries
First Quarter 1994

Pursuant to 10 CFR 73.71(c)(2), Florida Power and Light Company is submitting a copy of St. Lucie Plant Safeguards Event Log Entries for the period January 1, 1994 to March 31, 1994.

The enclosed material does not contain safeguards information as defined by 10 CFR 73.21.

Very truly yours,

DA Sager
D. A. Sager
Vice President
St. Lucie Plant

DAS/CDW/kw

Enclosure

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

DAS/PSL #1102-94

241-97

XA

DEF

9404220103

8pb XA

H/S

~~1102~~

FLORIDA POWER & LIGHT

ST. LUCIE PLANT

QUARTERLY EVENT LOG

FIRST QUARTER 1994

January 1, 1994 through March 31, 1994

The Plant Disciplinary Policy for individuals who cause unsecured doors was modified on February 2, 1993 to increase the severity levels of discipline for offenders. Unit 2 refueling outage started February 15, 1994.

LOG NO.	LOG ENTRY DATE/TIME	EVENT DATE/TIME	EVENT	REASON and /or CODE	RESPONSE
01-94/001	01-03-94/0805	01-03-94/0735	Card Key (CK) # 472 lost off site.	Human Error	CK # 472 deleted from computer @ 0737. Access history report showed no unauthorized activity.
01-94/002	01-06-94/1030	01-06-94/1016	Door to vital area left unsecured.	Human Error	Security Officer posted @ 1020. Area searched with negative results.
01-94/003	01-09-94/0400	01-09-94/0257	Partial loss of perimeter lighting.	Hardware Failure	Security Officer posted @ 0257. Light levels were below 0.2 footcandle power and CCTV was degraded. Compensatory measures secured @ 0701 (sunrise). <u>S/O Posted:</u> 01-09-94/1748 <u>Camera Regained:</u> 01-10-94/0652 <u>Repaired, Back in service:</u> 01-10-94/2120
01-94/004	01-10-94/1300	01-10-94/1245	Door to vital area left unsecured.	Human Error	Security Officer posted @ 1247. Area searched with negative results.
01-94/005	01-11-94/1130	01-11-94/0913	Electronic Security System (ESS) failure.	Hardware Failure	Compensatory measures in place @ 0920. System operational @ 1024. All required checks made and compensatory measures secured @ 1114. RE: Possible disk drive problem.
01-94/006	01-11-94/1100	01-11-94/0951	CK # 869 lost on site.	Human Error	CK # 869 deleted from hand geometry system (computer system inoperative) @ 0954. Access history report showed no unauthorized activity.
01-94/007	01-11-94/1700	01-11-94/1625	CK # 2039 lost on site.	Human Error	CK # 2039 deleted from computer system @ 1629. Access history report showed no unauthorized activity.
01-94/008	01-12-94/0800	01-12-94/0700	CK # 567 lost off site.	Human Error	CK # 567 deleted from computer system @ 0701. Access history report showed no unauthorized activity.
01-94/009	01-13-94/0400	01-13-94/0144	Partial loss of perimeter lighting.	Hardware Failure	Security Officer posted @ 0151. Light levels were below 0.2 footcandle power and CCTV was degraded. Lighting restored and compensatory measures secured @ 0353.
01-94/010	01-14-94/1105	01-14-94/1044	CK # 4795 lost on site.	Human Error	CK found by plant employee @ 1044 and deleted from computer @ 1045. Person who lost badge was located and re-united with CK and re-entered into system @ 1100. Access history report showed no unauthorized activity.
01-94/011	01-14-94/1600	01-14-94/1316	ESS failure.	Hardware Failure	Compensatory measures in place @ 1323. System operational @ 1500. All required checks made and compensatory measures secured @ 1554. RE: Front End Processor (FEP) failure.
01-94/012	01-18-94/0730	01-18-94/0648	CK # 4722 lost off site.	Human Error	CK # 4722 deleted from computer system @ 0648. Access history report showed no unauthorized activity.
01-94/013	01-22-94/1930	01-22-94/1802	ESS failure.	Hardware Failure	Compensatory measures in place @ 1809. System operational @ 1841. All required checks made and compensatory measures secured @ 1914. RE: Computer programs aborted for no apparent reason.
01-94/014	01-25-94/0715	01-25-94/0649	CK # 4782 lost off site.	Human Error	CK # 4782 deleted from computer system @ 0650. Access history report showed no unauthorized activity.

LOG NO.	LOG ENTRY DATE/TIME	EVENT DATE/TIME	EVENT	REASON and /or CODE	RESPONSE
01-94/015	01-26-94/2330	01-26-94/2320	North Security Building (NSB) X-RAY inoperative.	Hardware Failure	Compensatory measures in place @ 2320. Picture displays were inadequate. Machine reset. X-Ray operational, and compensatory measures secured @ 2351.
01-94/016	01-28-94/1100	01-28-94/1100	Missed ISC quarterly surveillance on vital doors.	Human Error	Surveillances completed @ 01-28-94/1600.
01-94/017	01-28-94/1400	01-28-94/1344	OK # 550 lost on site.	Human Error	OK # 550 deleted from computer @ 1345. Access history report showed no unauthorized activity. OK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.
01-94/018	01-31-94/1555	01-31-94/1401	Single IMUX Failure.	Hardware Failure	Compensatory measures in place @ 1408. IMUX operational @ 1404. All required checks made and compensatory measures secured @ 1433. RE: Lost IMUX while doing scheduled maintenance on a different IMUX.
01-94/019	02-01-94/1130	02-01-94/1051	Single IMUX Failure.	Hardware Failure	Compensatory measures in place @ 1057. IMUX operational @ 1058. All required checks made and compensatory measures secured @ 1116. RE: Lost IMUX while doing scheduled maintenance on a different IMUX.
01-94/020	02-03-94/0510	02-03-94/0319	ESS failure.	Hardware Failure	Compensatory measures in place @ 0326. System operational @ 0426. All required checks made and compensatory measures secured @ 0508. RE: System failed due to "Crash Dump" of computer.
01-94/021	02-03-94/0830	02-03-94/0810	Door to vital area left unsecured.	Human Error	Security Officer posted @ 0811. Area searched with negative results.
01-94/022	02-03-94/1000	02-03-94/0727	OK # 2978 lost off site.	Human Error	OK # 2978 deleted from computer system @ 0728. Access history report showed no unauthorized activity.
01-94/023	02-03-94/2115	02-03-94/2016	OK # 2884 lost on site.	Human Error	OK # 2884 deleted from computer @ 2018. Access history report showed no unauthorized activity. OK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.
01-94/024	02-05-94/1430	02-05-94/1345	Ignition keys left in Designated Vehicle.	Human Error	Keys removed immediately as compensatory measure and driver's supervisor notified of incident.
01-94/025	02-06-94/1900	02-06-94/1821	PZ-33 CCTV inoperative.	Hardware Failure	Security Officer posted @ 1822. CCTV coverage regained and compensatory measures secured @ 02-07-94/0718.
01-94/026	02-07-94/1025	02-07-94/0940	Single IMUX Failure.	Hardware Failure	IMUX downloaded @ 0940. Compensatory measures in place @ 0945. IMUX operational @ 0951. Required checks made and compensatory measures secured @ 1020.
01-94/027	02-09-94/0110	02-08-94/2354	ESS failure.	Hardware Failure	Compensatory measures in place @ 0001. System operational @ 0030. All required checks made and compensatory measures secured @ 0101 RE: All programs aborted.
01-94/028	02-09-94/1540	02-09-94/1528	OK # 4760 lost on site.	Human Error	OK # 4760 deleted from computer @ 1529. Access history report showed no unauthorized activity.

LOG NO.	LOG ENTRY DATE/TIME	EVENT DATE/TIME	EVENT	REASON and /or CODE	RESPONSE
01-94/029	02-11-94/1530	02-11-94/1515	Ignition keys left in a Designated Vehicle.	Human Error	Keys removed immediately as compensatory measure and driver's supervisor notified of incident.
01-94/030	02-14-94/0745	02-14-94/0707	OK # 303 lost off site.	Human Error	OK #303 deleted from computer system @ 0708. Access history report showed no unauthorized activity.
01-94/031	02-14-94/1335	02-14-94/1223	OK # 2686 lost on site.	Human Error	OK # 2686 deleted from computer @ 1224. Access history report showed no unauthorized activity.
01-94/032	02-14-94/2000	02-14-94/1930	Partial loss of perimeter lighting.	Hardware Failure	Security Officer posted @ 1930. Light levels were below 0.2 footcandle power and CCTV was degraded. Compensatory measures secured @ 02-15-94/0638. <u>S/O Posted:</u> 02-15-94/1832 <u>Camera Regained:</u> 02-16-94/0644 02-16-94/1756 02-17-94/0640 02-17-94/1809 <u>Repaired, Back in service:</u> 02-17-94/1920
01-94/033	02-15-94/1230	02-15-94/1004	Vital door locking mechanism inoperative.	Hardware Failure	Security Officer posted @ 1006. Repaired, tested, back in service @ 1030.
01-94/034	02-16-94/1750	02-16-94/1713	East Security Building (ESB) personnel search equipment inoperative.	Hardware Failure	Compensatory measures in place @ 1710 in anticipation of a possible loss of power during a Safety Safeguards Test. Power lost for less than 15 seconds. All equipment became operational, tested and compensatory measures secured @ 1735. 2nd test was conducted @ 02-17-94/1926, and personnel search equipment was again lost in the ESB. Compensatory measures in place @ 1927. Equipment operational, tested, and compensatory measures secured @ 2002.
01-94/035	02-17-94/0300	02-17-94/0238	OK # 610 lost off site.	Human Error	OK #610 deleted from computer system @ 0238. Access history report showed no unauthorized activity.
01-94/036	02-17-94/1300	02-17-94/0930	Inadvertent switch of Card Keys at Reactor Containment ext.	Human Error	While taking off their protective clothing, two individuals inadvertently switched their card keys. One individual access was denied while trying access the plant with other person's card key. Both card were deleted from the system @ 0935. no malevolent intent was indicated. Each person was re-united with their proper card key.
01-94/037	02-18-94/1740	02-18-94/1624	OK # 844 lost on site.	Human Error	OK # 844 deleted from computer @ 1624. Access history report showed no unauthorized activity. OK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.
01-94/038	02-18-94/1745	02-18-94/1709	OK # 796 lost on site.	Human Error	OK # 796 deleted from computer @ 1710. Access history report showed no unauthorized activity. OK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.
01-94/039	02-22-94/1210	02-22-94/1202	OK # 2904 lost on site.	Human Error	OK # 2904 deleted from computer @ 1203. Access history report showed no unauthorized activity. OK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.

LOG NO.	LOG ENTRY DATE/TIME	EVENT DATE/TIME	EVENT	REASON and /or CODE	RESPONSE
01-94/040	02-22-94/1650	02-22-94/1443	ESS failure.	Hardware Failure	Compensatory measures in place @ 1452. System operational @ 1536. All required checks made and compensatory measures secured @ 1651 RE: System failed during maintenance activities by I&C.
01-94/041	02-24-94/1045	02-24-94/0703	Incorrect CK's issued by badging.	Human Error	Card Keys 4173 and 4175 inadvertently switched at assignment. CK 4175 deleted from computer system @ 0703. Both CK's had different access levels available. The CK with the elevated access was not utilized except for site access. Unauthorized access did not occur. Both CK's were returned to proper individuals
01-94/042	02-25-94/0800	02-25-94/0544	ESS failure.	Hardware Failure	Compensatory measures in place @ 0552. System operational @ 0602. All required checks made and compensatory measures secured @ 0703 RE: FEP failure.
01-94/043	02-26-94/1442	02-26-94/0940	Loss of power to ESB search Equipment.	Hardware Failure	Compensatory measures in place @ 0940. Repaired, tested, back in service @ 0958. Power lost again @ 1243. Compensatory measures in place @ 1243. Repaired, tested, back in service @ 1417.
01-94/044	02-26-94/2100	02-26-94/2100	CK # 4683 lost off site.	Human Error	CK #4683 deleted from computer @ 2102. Access history report showed no unauthorized activity.
01-94/045	02-27-94/0100	02-27-94/0001	CK # 839 found off site.	Human Error	CK #839 deleted from computer @ 0005. Access history report showed no unauthorized activity.
01-94/046	02-28-94/2215	02-28-94/2019	ESS failure.	Hardware Failure	Compensatory measures in place @ 2027. System operational @ 2101. All required checks made and compensatory measures secured @ 2137 RE: Alarm program aborted.
01-94/047	03-01-94/2220	03-01-94/2205	CK # 719 lost on site.	Human Error	CK # 719 deleted from computer @ 2210. Access history report showed no unauthorized activity.
01-94/048	03-02-94/1620	03-02-94/1610	CK # 105 lost on site.	Human Error	CK # 105 deleted from computer @ 1614. Access history report showed no unauthorized activity. CK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.
01-94/049	03-02-94/1900	03-02-94/1324	ESS failure.	Hardware Failure	Compensatory measures in place @ 1333. System operational @ 1746. All required checks made and compensatory measures secured @ 1858 RE: Alarm pool overfilled, long duration attributed to one IMUX not recovering.
01-94/050	03-03-94/0240	03-03-94/0218	Ignition keys left in a Licensee Designated Vehicle.	Human Error	Keys removed immediately as compensatory measure and driver's supervisor notified of incident.
01-94/051	03-03-94/0945	03-03-94/0939	CK # 2113 lost on site.	Human Error	CK # 2113 deleted from computer @ 0940. Access history report showed no unauthorized activity. CK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.

LOG NO.	LOG ENTRY DATE/TIME	EVENT DATE/TIME	EVENT	REASON and /or CODE	RESPONSE
01-94/052	03-03-94/1430	03-03-94/1419	OK # 3305 lost on site.	Human Error	OK # 3305 deleted from computer # 1419. Access history report showed no unauthorized activity. OK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.
01-94/053	03-04-94/0955	03-04-94/0943	OK # 3022 lost on site.	Human Error	OK # 3022 deleted from computer # 0943. Access history report showed no unauthorized activity. OK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.
01-94/054	03-04-94/1700	03-04-94/1045	ESS failure.	Hardware Failure	Compensatory measures in place # 1053. System operational # 1438. All required checks made and compensatory measures secured # 1524. RE: During maintenance of 2 IMUX's, the system failed.
01-94/055	03-10-94/2030	03-10-94/2000	Vital door SOM inoperative.	Hardware Failure	Security Officer posted # 2000. Repaired, tested, back in service # 03-11-94/1420.
01-94/056	03-11-94/0220	03-11-94/0118	OK # 4754 lost on site.	Human Error	OK # 4754 deleted from computer # 0119. Access history report showed no unauthorized activity.
01-94/057	03-11-94/1300	03-11-94/0640	ESS failure.	Hardware Failure	Compensatory measures in place # 0648. System operational # 0927. All required checks made and compensatory measures secured # 1510. RE: Loss of power, auto transfer circuitry did not function properly.
01-94/058	03-11-94/1700	03-11-94/1652	OK # 880 lost on site.	Human Error	OK # 880 deleted from computer # 1653. Access history report showed no unauthorized activity.
01-94/059	03-12-94/0100	03-12-94/0005	OK # 1939 found off site.	Human Error	OK # 1939 given to security # 0005. Access history report showed no unauthorized activity.
01-94/060	03-14-94/0745	03-14-94/0722	OK # 4919 found on site.	Human Error	OK # 4919 found by security. Access history report showed no unauthorized activity. OK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.
01-94/061	03-14-94/1300	03-14-94/1216	OK # 2221 lost on site.	Human Error	OK # 2221 deleted from computer # 1217. Access history report showed no unauthorized activity. OK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.
01-94/062	03-15-94/1156	03-15-94/1104	Door to vital area left unsecured.	Human Error	Security Officer posted # 1108. Area searched with negative results.
01-94/063	03-16-94/1300	03-16-94/0804	ESS failure.	Hardware Failure	Compensatory measures in place # 0812. System operational # 1141. All required checks made and compensatory measures secured # 1215. RE: Power surge causing a FEP failure, eventually leading to system failure.
01-94/064	03-16-94/1545	03-16-94/1519	OK # 2701 lost on site.	Human Error	OK # 2701 deleted from computer # 1519. Access history report showed no unauthorized activity. OK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.

LOG NO.	LOG ENTRY DATE/TIME	EVENT DATE/TIME	REASON and /or CODE	RESPONSE
01-94/065	03-17-94/1728	03-17-94/1712	OK # 852 lost on site.	Human Error OK # 852 found on site and turned over to security # 1713. Access history report showed no unauthorized activity. OK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.
01-94/066	03-18-94/1200	03-18-94/0820	OK # 4808 lost off site.	Human Error OK # 4808 deleted from computer # 0822. Access history report showed no unauthorized activity.
01-94/067	03-18-94/1330	03-18-94/1212	Vehicle not under proper escort.	Human Error As the protected area gate was being opened, the licensee owned site ambulance entered site without proper vehicle escort. Driver was a badged employee and the vehicle was stopped by an armed Security Officer who immediately assumed escort duties.
01-94/068	03-21-94/0850	03-21-94/0844	OK # 3186 lost off site.	Human Error OK # 3186 deleted from computer # 0845. Access history report showed no unauthorized activity.
01-94/069	03-22-94/1000	03-21-94/0730	Allegation of IMUX downloading.	Human Error An allegation of an IMUX download was investigated. Investigation revealed that personnel compensatory postings were not accomplished but that full alarm monitoring capabilities were restored and tested within 3 minutes of occurrence.
01-94/070	03-22-94/1700	03-22-94/0650	OK # 536 lost on site.	Human Error OK # 536 deleted from computer # 0650. Access history report showed no unauthorized activity. OK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.
01-94/071	03-23-94/0100	03-22-94/1831	ESS failure.	Human Error Compensatory measures in place # 1838. System operational # 2247. All required checks made and compensatory measures secured # 03-23-94/0026 except for Zones 30-37. Perimeter zones 30-37 repaired, tested back in service # 03-23-94/0936. RE: Loss of power due to plant operator opening a breaker by mistake.
01-94/072	03-23-94/0416	03-23-94/0001	Loss of power to ESB search Equipment.	Hardware Failure Compensatory measures in place # 0001. Repaired, tested, back in service # 0034.
01-94/073	03-24-94/0945	03-24-94/0902	OK # 1056 lost on site.	Human Error OK # 1056 deleted from computer # 0903. Access history report showed no unauthorized activity. OK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.
01-94/074	03-24-94/1145	03-24-94/1124	OK # 3297 lost on site.	Human Error OK # 3297 deleted from computer # 1124. Access history report showed no unauthorized activity. OK found, checked for signs of tampering with negative results, and re-assigned to individual suffering the loss.
01-94/075	03-25-94/0700	03-25-94/0613	ESB X-Ray equipment inoperative.	Hardware Failure Compensatory measures in place # 0613. Repaired, tested, back in service # 1733.
01-94/076	03-25-94/1745	03-25-94/1532	ESS failure.	Hardware Failure Compensatory measures in place # 1541. System operational # 1643. All required checks made and compensatory measures secured # 1746. RE: Heavy rain and hail storm.
01-94/077	03-27-94/2300	03-27-94/2241	OK # 245 lost on site.	Human Error OK # 245 deleted from computer 2242. Access history report showed no unauthorized activity.