



April 21, 1993

L-93-112
10 CFR 73.71

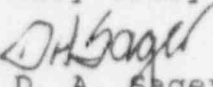
U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Safeguards Event Log Entries
First Quarter 1993

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, 1993 to March 31, 1993.

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

Very truly yours,


D. A. Sager
Vice President
St. Lucie Plant

DAS/JJB/kw

Enclosure

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

DAS/PSL #905-93

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FLORIDA POWER & LIGHT

ST. LUCIE PLANT

QUARTERLY EVENT LOG

FIRST QUARTER 1993

January 1, 1993 through March 31, 1993

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 1 started a re-fueling outage on March 29, 1993. Unit 2 was in a forced outage from January 3 through March 31.

LOG NO.	LOG ENTRY DATE/TIME	EVENT DATE/TIME	EVENT	REASON and /or CODE	RESPONSE
01-93/001	01-01-93/1600	01-01-93/1156	Electronic Security System (ESS) failure.	Hardware Failure	Compensatory measures in place @ 1205. System operational @ 1429. All required checks made and compensatory measures secured @ 1507. RE: Severe rainstorm.
01-93/002	01-02-93/2000	01-02-93/1902	Vital door locking mechanism inoperative.	Hardware Failure	Security Officer posted @ 1902. Repaired, tested, back in service @ 01-04-93/0730.
01-93/003	01-03-93/0930	01-03-93/0704	Door to vital area left unsecured.	Human Error	Security Officer posted @ 0706. Area searched with negative results.
01-93/004	01-04-93/0455	01-04-93/0415	Partial loss of perimeter lighting.	Hardware Failure	A power distribution problem in a security lighting power panel occurred @ 0400 hours. A security officer was pre-posted in the affected area @ 0410 hours. Light levels were below 0.2 footcandle power in some areas even though CCTV was not degraded. Compensatory measures were secured @ 0729 (sunrise). <u>S/O posted:</u> 01-04-93/1802 <u>Camera Regained:</u> 01-05-93/0706 (sunrise) <u>Repaired, back in service:</u> 01-05-93/1600
01-93/005	01-04-93/1200	01-04-93/1127	Loss of power to radio repeaters.	Hardware Failure	Telephone communications to Local Law Enforcement Agency (LLEA) checked and found to be functional @ 1129. Radio service restored @ 1147 utilizing back-up generator. Normal power restored @ 1151.
01-93/006	01-06-93/0522	01-06-93/0452	Door to vital area left unsecured.	Human Error	Security Officer posted @ 0453. Area searched with negative results.
01-93/007	01-07-93/0840	01-07-93/0829	Door to vital area left unsecured.	Human Error	Security Officer posted @ 0832. Area searched with negative results.
01-93/008	01-09-93/0230	01-09-93/0015	Electronic Security System failure.	Hardware Failure	Compensatory measures in place @ 0024. System operational @ 0059. All required checks made and compensatory measures secured @ 0203. RE: Severe rainstorm.
01-93/009	01-11-93/1425	01-11-93/1037	Electronic Security System failure.	Hardware Failure	Compensatory measures in place @ 1045. System operational @ 1315. All required checks made and compensatory measures secured @ 1351. RE: Unknown at this time, multiple factors but not conclusive.
01-93/010	01-12-93/0930	01-12-93/0902	Door to vital area left unsecured.	Human Error	Security Officer posted @ 0904. Area searched with negative results.
01-93/011	01-13-93/0830	01-13-93/0825	PZ-35 CCTV inoperative.	Hardware Failure	PTZ-08 dedicated @ 0825. CCTV operational @ 1416, PTZ-08 un-dedicated. RE: Iris problem.
01-93/012	01-13-93/1440	01-13-93/1346	Card Key (CK) # 920 lost on site.	Human Error	CK # 920 deleted from computer @ 1347. Access history report showed no unauthorized activity.
01-93/013	01-14-93/1020	01-14-93/1007	CK # 2892 lost on site.	Human Error	CK # 2892 deleted from computer @ 1008. Access history report showed no unauthorized activity. CK found, returned to security, checked for signs of tampering with negative results and returned to individual suffering the loss.
01-93/014	01-14-93/1120	01-14-93/1058	Door to vital area left unsecured.	Human Error	Security Officer posted @ 1100. Area searched with negative results.

LOG NO.	LOG ENTRY DATE/TIME	EVENT DATE/TIME	EVENT	REASON and /or CODE	RESPONSE
01-93/015	01-15-93/0200	01-15-93/0116	Door to vital area left unsecured.	Human Error	Security Officer posted @ 0119. Area searched with negative results.
01-93/016	01-15-93/0130	01-15-93/0129	Vital door locking mechanism inoperative.	Hardware Failure	Security Officer posted @ 0129. Repaired, tested, back in service @ 0828.
01-93/017	01-15-93/1030	01-15-93/0955	Door to vital area left unsecured.	Human Error	Security Officer posted @ 0956. Area searched with negative results.
01-93/018	01-16-93/0600	01-16-93/0549	Vital door control mechanism (SDM) inoperative.	Hardware Failure	Security Officer posted @ 0557. Repaired, tested, back in service @ 0837.
01-93/019	01-16-93/2300	01-16-93/2223	Door to vital area left unsecured.	Human Error	Security Officer posted @ 2228. Area searched with negative results.
01-93/020	01-18-93/1850	01-18-93/1843	PZ-34 Microwave inoperative.	Hardware Failure	Security Officer posted @ 1843. Repaired, tested, back in service @ 1341.
01-93/021	01-19-93/1015	01-19-93/1000	CK # 2541 lost on site.	Human Error	CK # 2541 deleted from computer @ 1002. Access history report showed no unauthorized activity. CK found, returned to security, checked for signs of tampering with negative results and returned to individual suffering the loss.
01-93/022	01-19-93/1340	01-19-93/1337	PZ-05 Microwave inoperative.	Hardware Failure	Security Officer posted @ 1337. Repaired, tested, back in service @ 1417.
01-93/023	01-21-93/1312	01-21-93/1303	Door to vital area left unsecured.	Human Error	Security Officer posted @ 1308. Area searched with negative results.
01-93/024	01-21-93/1434	01-21-93/1428	Door to vital area left unsecured.	Human Error	Security Officer posted @ 1430. Area searched with negative results.
01-93/025	01-21-93/1600	01-21-93/1553	Door to vital area left unsecured.	Human Error	Security Officer posted @ 1554. Area searched with negative results.
01-93/026	01-26-93/2230	01-26-93/2210	Door to vital area left unsecured.	Human Error	Security Officer posted @ 2215. Area searched with negative results.
01-93/027	01-27-93/1005	01-27-93/0840	Door to vital area left unsecured.	Human Error	Security Officer posted @ 0845. Area searched with negative results.
01-93/028	01-27-93/1130	01-27-93/1055	Door to vital area left unsecured.	Human Error	Security Officer posted @ 1056. Area searched with negative results.
01-93/029	01-28-93/0230	01-28-93/0156	Door to vital area left unsecured.	Human Error	Security Officer posted @ 0200. Area searched with negative results.
01-93/030	01-28-93/0900	01-28-93/0838	Door to vital area left unsecured.	Human Error	Security Officer posted @ 0840. Area searched with negative results.
01-93/031	01-28-93/0940	01-28-93/0931	Vital door locking mechanism inoperative.	Hardware Failure	Security Officer posted @ 0931. Repaired, tested, back in service @ 1054.
01-93/032	01-30-93/0135	01-30-93/0110	CK # 435 lost on site.	Human Error	CK # 435 deleted from computer @ 0113. Access history report showed no unauthorized activity.
01-93/033	01-31-93/0930	01-31-93/0914	Vital door locking mechanism inoperative.	Hardware Failure	Security Officer posted @ 0914. Repaired, tested, back in service @ 1305.
01-93/034	02-01-93/0820	02-01-93/0810	Door to vital area left unsecured.	Human Error	Security Officer posted @ 0811. Area searched with negative results.

LOG NO.	LOG ENTRY DATE/TIME	EVENT DATE/TIME	EVENT	REASON and /or CODE	RESPONSE												
01-93/048	02-20-93/0948	02-20-93/0815	CK # 358 lost on site.	Human Error	CK # 358 deleted from computer @ 0816. Access history report showed no unauthorized activity. CK found by security, checked for signs of tampering with negative results and returned to individual suffering the loss.												
01-93/049	02-22-93/2100	02-22-93/1836	Electronic Security System failure.	Hardware Failure	Compensatory measures in place @ 1845. System operational @ 1957. All required checks made and compensatory measures secured @ 2048. RE: FEP failure due to severe thunderstorm.												
01-93/050	02-24-93/1030	02-24-93/1015	Vital door locking mechanism inoperative	Hardware Failure	Security Officer posted @ 1018. Repaired, tested, back in service @ 1114.												
01-93/051	03-02-93/0800	03-02-93/0700	CK # 276 lost on site.	Human Error	CK # 276 deleted from computer @ 0701. Access history report showed no unauthorized activity. CK found, returned to security, checked for signs of tampering with negative results and returned to individual suffering the loss.												
01-93/052	03-03-93/1500	03-03-93/1415	Wrong CK issued.	Human Error	CK # 872 issued to wrong person. Individual receiving CK # 872 should have received CK # 2314. CK # 872 deleted from system @ 1421. Both individuals had the same access levels. Access history report showed no unauthorized activity.												
01-93/053	03-03-93/2200	03-03-93/2100	Partial loss of perimeter lighting	Hardware Failure	A security officer was pre-posted in the affected area @ 2059 hours. Light levels were below 0.2 footcandle power in three areas and CCTV was degraded. Compensatory measures were secured @ 03-04-93/0834 (sunrise). Degraded Lighting: <table><tr><td><u>S/O posted:</u></td><td><u>Sunrise:</u></td><td><u>Repaired, back in service:</u></td></tr><tr><td>03-04-93/1902</td><td>03-05-93/0622</td><td>03-05-93/1600</td></tr></table>	<u>S/O posted:</u>	<u>Sunrise:</u>	<u>Repaired, back in service:</u>	03-04-93/1902	03-05-93/0622	03-05-93/1600						
<u>S/O posted:</u>	<u>Sunrise:</u>	<u>Repaired, back in service:</u>															
03-04-93/1902	03-05-93/0622	03-05-93/1600															
01-93/054	03-08-93/0800	03-08-93/0726	Vital door locking mechanism inoperative.	Hardware Failure	Security Officer posted @ 0728. Repaired, tested, back in service @ 0843.												
01-93/055	03-10-93/1600	03-10-93/1505	Wrong CK issued.	Human Error	CK # 3322 issued to wrong person. Individual receiving CK # 3322 should have received CK # 3323. The individual issued CK # 3322 was authorized a lower level of access but the access history report showed no unauthorized activity.												
01-93/056	03-10-93/2130	03-10-93/2058	Partial loss of perimeter lighting	Hardware Failure	A security officer was pre-posted in the affected area @ 2058 hours. Light levels were below 0.2 footcandle power in four areas and CCTV was degraded. Compensatory measures were secured @ 03-11-93/0618 (sunrise). Degraded Lighting: <table><tr><td><u>S/O posted:</u></td><td><u>Sunrise:</u></td><td><u>Repaired, back in service:</u></td></tr><tr><td>03-11-93/1845</td><td></td><td>03-11-93/1931</td></tr><tr><td>03-11-93/2336</td><td>03-12-93/0619</td><td></td></tr><tr><td>03-12-93/2054</td><td>03-13-93/0746</td><td>03-14-93/1520</td></tr></table>	<u>S/O posted:</u>	<u>Sunrise:</u>	<u>Repaired, back in service:</u>	03-11-93/1845		03-11-93/1931	03-11-93/2336	03-12-93/0619		03-12-93/2054	03-13-93/0746	03-14-93/1520
<u>S/O posted:</u>	<u>Sunrise:</u>	<u>Repaired, back in service:</u>															
03-11-93/1845		03-11-93/1931															
03-11-93/2336	03-12-93/0619																
03-12-93/2054	03-13-93/0746	03-14-93/1520															
01-93/057	03-11-93/0650	03-11-93/0639	PZ-20 CCTV inoperative.	Hardware Failure	Security Officer posted @ 0641. CCTV operational @ 0705, post secured.												

LOG NO.	LOG ENTRY DATE/TIME	EVENT DATE/TIME	EVENT	REASON and /or CODE	RESPONSE
01-93/058	03-11-93/1845	03-11-93/1537	Multiple IMUX Failure	Hardware Failure	Compensatory measures in place @ 1546. System operational, with the exception of IMUX 8, @ 1751. All required door checks made and compensatory measures secured @ 1817. Perimeter Zones affected by IMUX 8 remain posted. IMUX 8 repaired, tested, back in service @ 03-12-93/1219 RE: Human error, Water spray intrusion into IMUX cabinet.
01-93/059	03-12-93/0024	03-12-93/0024	Vital door locking mechanism inoperative.	Hardware Failure	Security Officer posted @ 0024. Repaired, tested, back in service @ 0836.
01-93/060	03-12-93/0932	03-12-93/0916	Vital door locking mechanism inoperative.	Hardware Failure	Security Officer posted @ 0917. Repaired, tested, back in service @ 1033.
01-93/061	03-13-93/0500	03-13-93/0436	Multiple IMUX Failure	Hardware Failure	Compensatory measures in place @ 0455. System operational @ 0532. All required door checks made and compensatory measures secured @ 0746. PZ-22 CCTV still out of alignment and remained posted. Pz-22 CCTV back in service @ 03-14-93/0325 RE: Severe thunderstorms and very high winds.
01-93/062	03-13-93/1930	03-13-93/1926	Partial loss of perimeter lighting	Hardware Failure	A security officer was pre-posted in the affected area @ 1926 hours. Light levels were below 0.2 footcandle power in two areas and CCTV was degraded. Compensatory measures were secured @ 03-14-93/0631 (sunrise). Repaired, back in service: 03-14-93/1520
01-93/063	03-13-93/1700	03-13-93/1629	CK # 2051 lost on site.	Human Error	CK # 2051 deleted from computer @ 1831. Access history report showed no unauthorized activity.
01-93/064	03-13-93/1800	03-13-93/1735	Multiple IMUX Failure	Hardware Failure	Compensatory measures in place @ 1742. System operational @ 1819. All required door checks made and compensatory measures secured @ 1926. RE: Severe thunderstorms and very high winds.
01-93/065	03-15-93/1200	03-15-93/1127	CK # 877 lost on site.	Human Error	CK # 877 deleted from computer @ 1128. Access history report showed no unauthorized activity.
01-93/066	03-16-93/0100	03-16-93/0039	CK # 801 lost on site.	Human Error	CK # 801 deleted from computer @ 0040. Access history report showed no unauthorized activity. CK found, returned to security, checked for signs of tampering with negative results and returned to badging.
01-93/067	03-16-93/0545	03-16-93/0526	Vital door locking mechanism inoperative.	Hardware Failure	Security Officer posted @ 0526. Repaired, tested, back in service @ 1448.
01-93/068	03-16-93/0700	03-16-93/0655	PZ-20 CCTV inoperative.	Hardware Failure	PTZ-05 dedicated @ 0655. Repaired, and operational @ 0858, PTZ-05 undedicated.
01-93/069	03-16-93/1200	03-16-93/1013	Non-licensee designated vehicle on site without armed escort.	Human Error	Vehicle escorted off site at 1018 hours. Licensee designated vehicle status returned to vehicle at 1400 hours.

LOG NO.	LOG ENTRY DATE/TIME	EVENT DATE/TIME	EVENT	REASON and/or CODE	RESPONSE																		
01-93/070	03-17-93/1645	03-17-93/1545	Loss of Radio Repeaters	Hardware Failure	Radios changed to Talk-around channel and verification of telephone communications with Local Law Enforcement Agency (LLEA). Repeaters back in service and normal radio capabilities restored @ 1635.																		
01-93/071	03-19-93/1456	03-19-93/1423	Door to vital area left unsecured.	Human Error	Security Officer posted @ 1424. Area searched with negative results.																		
01-93/072	03-19-93/2230	03-19-93/2140	Partial loss of perimeter lighting.	Hardware Failure	A security officer was pre-posted in the affected areas @ 2149 hours. Light levels were below 0.2 footcandle power in four areas and CCTV was degraded. Compensatory measures were secured @ 03-20-93/0616 (sunrise). <u>Degraded Lighting:</u> <table><tr><td><u>S/O posted:</u></td><td><u>Sunrise:</u></td><td><u>Repaired, back in service:</u></td></tr><tr><td>03-20-93/1830</td><td>03-21-93/0617</td><td></td></tr><tr><td>03-21-93/1827</td><td>03-22-93/0610</td><td></td></tr><tr><td>03-22-93/1835</td><td></td><td>03-22-93/1940(isolated to one light pole and one area)</td></tr><tr><td>03-22-93/1940</td><td>03-23-93/0618</td><td></td></tr><tr><td>03-23-93/1840</td><td></td><td>03-23-93/1950</td></tr></table>	<u>S/O posted:</u>	<u>Sunrise:</u>	<u>Repaired, back in service:</u>	03-20-93/1830	03-21-93/0617		03-21-93/1827	03-22-93/0610		03-22-93/1835		03-22-93/1940(isolated to one light pole and one area)	03-22-93/1940	03-23-93/0618		03-23-93/1840		03-23-93/1950
<u>S/O posted:</u>	<u>Sunrise:</u>	<u>Repaired, back in service:</u>																					
03-20-93/1830	03-21-93/0617																						
03-21-93/1827	03-22-93/0610																						
03-22-93/1835		03-22-93/1940(isolated to one light pole and one area)																					
03-22-93/1940	03-23-93/0618																						
03-23-93/1840		03-23-93/1950																					
01-93/073	03-22-93/0900	03-22-93/0830	Vital door locking mechanism inoperative.	Hardware Failure	Security Officer posted @ 0830. Repaired, tested, back in service @ 0905.																		
01-93/074	03-22-93/1600	03-22-93/1559	Access Authorization issue.	Miscellaneous Event	One contractor's site access suspended due to criminal history results. Issue resolved and access reinstated @ 03-24-93/1624.																		
01-93/075	03-23-93/1330	03-23-93/1314	Door to vital area left unsecured.	Human Error	Security Officer posted @ 1316. Area searched with negative results.																		
01-93/076	03-24-93/0800	03-24-93/0729	ESB X-Ray inoperative.	Hardware Failure	Compensatory measures in place @ 0729. Repaired, tested, back in service @ 0734.																		
01-93/077	03-24-93/1555	03-24-93/1529	CK # 276 lost on site.	Human Error	CK # 276 deleted from computer @ 1530. Access history report showed no unauthorized activity. CK found, returned to security, checked for signs of tampering with negative results and returned to individual suffering the loss.																		
01-93/078	03-26-93/1545	03-26-93/1535	CK # 4679 lost on site.	Human Error	CK # 4679 deleted from computer @ 1536. Access history report showed no unauthorized activity. CK found, returned to security, checked for signs of tampering with negative results and returned to individual suffering the loss.																		
01-93/079	03-26-93/2100	03-26-93/2004	Door to vital area left unsecured.	Human Error	Security Officer posted @ 2006. Area searched with negative results.																		
01-93/080	03-26-93/2350	03-26-93/2235	CK # 424 lost on site.	Human Error	CK # 424 deleted from computer 2236. Access history report showed no unauthorized activity. CK found, returned to security, checked for signs of tampering with negative results and returned to individual suffering the loss.																		
01-93/081	03-27-93/1700	03-27-93/1620	CK # 3319 lost on site.	Human Error	CK # 3319 deleted from computer 1621. Access history report showed no unauthorized activity. CK found, returned to security, checked for signs of tampering with negative results and returned to individual suffering the loss.																		

LOG NO.	LOG ENTRY DATE/TIME	EVENT DATE/TIME	EVENT	REASON and /or CODE	RESPONSE
01-93/082	03-28-93/1024	03-28-93/1002	Door to vital area left unsecured.	Human Error	Security Officer posted @ 1005. Area searched with negative results.
01-93/083	03-29-93/1600	03-29-93/1550	Washout under intake canal crossing structure.	Hardware Failure	Security Officer posted @ 1550. Opening closed and post secured @ 03-31-93/0415.
01-93/084	03-30-93/0600	03-30-93/0548	Door to vital area left unsecured.	Human Error	Security Officer posted @ 0551. Area searched with negative results.
01-93/085	03-30-93/1310	03-30-93/1258	CK # 777 lost on site.	Human Error	CK # 777 deleted from computer 1300. Access history report showed no unauthorized activity.
01-93/086	03-30-93/1550	03-30-93/1455	CK # 656 lost on site.	Human Error	CK # 656 was found and turned in to security @ 1621. Access history report showed no unauthorized activity. CK checked for signs of tampering with negative results and returned to individual suffering the loss.
01-93/087	03-31-93/1100	03-31-93/0902	Wrong CK issued.	Human Error	CK # 969 issued to wrong person. Individual receiving CK # 969 should have received CK # 965. Both individuals were authorized the same vital area access and the access history report showed no unauthorized activity.
01-93/088	03-31-93/1900	03-31-93/1533	Electronic Security System failure (FEP failure).	Hardware Failure	Compensatory measures in place @ 1542. System operational 1717. All required checks made and compensatory measures secured @ 1851. RE: FEP failure due to severe thunderstorm with hail.

Human Error	=	47
Hardware Failure	=	40
Miscellaneous Event	=	1