

**Florida  
Power**

CORPORATION  
Crystal River Unit 3  
Docket No. 50-302

January 20, 1992  
3F0192-02

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

Subject: Security Upgrade Project Scope and Schedule

Reference: FPC to NRC - Letter dated November 10, 1989

Dear Sir:

Florida Power Corporation (FPC) representatives met with the NRC staff on November 26-27, 1991 to discuss the Crystal River Unit 3 (CR-3) Security System Upgrade (SSU) project. The meeting's primary objective was to inform the NRC staff about the SSU scope and schedule milestones. The NRC staff came to the CR-3 site to facilitate their understanding of the upgrades.

The NRC staff requested the FPC's revised schedule be docketed to allow them to factor it into inspection planning and other activities. The attached schedule provides a breakdown of SSU project activities, durations of these activities and current completion dates. Civil construction tasks have been planned to avoid concurrence with maintenance and refueling outages. The schedule of other tasks such as installation of Access Control, Intrusion Detection System (IDS) and Closed Circuit Television (CCTV) are contingent upon the Security Computer and Power Distribution Activities.

270019

9201300243 920120  
PDR ADOCK 05000302  
F PDR

A Florida Progress Company

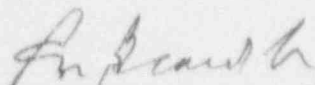
5003 1/1

3F0192-02

Page 2

This submittal supersedes the scope and schedule provided previously in Reference A. FPC will provide the NRC staff with periodic updates of our progress or significant changes to the schedule during the implementation of the SSU.

Sincerely,



P. M. Beard, Jr.  
Senior Vice President  
Nuclear Operations

PMB:LVC

Attachment

xc: Regional Administrator, Region II  
NRR Project Manager  
Senior Resident Inspector  
NEE  
OMM

Schedule Name : ELECTRICAL PROJECTS  
Responsible : R. S. Jetter  
As-of Date : 31-Dec-91  
Printed on : 06-Jan-92

Schedule File : AL920106

SECURITY SYSTEM UPGRADE  
MAR 88-03-04-00

Page 1 of 3

Task Name	Start Date	End Date	Duration (Days)	91												92												93											
				Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
				3	1	1	3	1	1	2	2	3	2	1	1	1	1	3	1	1	2	1	4	1	1	1	3	1	1	2	1	1	1	1					
SECURITY SYSTEM UPGRADE	3-Jun-91	15-Dec-93	642	=====																																			
SCREENING EQUIPMENT	5-Jun-91	11-Oct-91	93	=====																																			
MAR 88-03-04-02 DESIGN	3-Jun-91	27-Aug-91	61	=====																																			
PROCUREMENT	1-Jul-91	4-Oct-91	68	=====																																			
FPC REVIEW/MAR ISSUE	27-Aug-91	6-Sep-91	8	=====																																			
INSTALLATION	7-Oct-91	9-Oct-91	3	=====																																			
TESTING	9-Oct-91	11-Oct-91	3	=====																																			
SCREENING EQUIPMENT 2	4-Oct-91	1-Apr-92	124	=====																																			
MAR 88-03-04-03 DESIGN	4-Oct-91	15-Jan-92	69	=====																																			
PROCUREMENT	4-Nov-91	5-Mar-92	84	=====																																			
FPC REVIEW/MAR ISSUE	2-Jan-92	31-Jan-92	22	=====																																			
INSTALLATION	5-Mar-92	20-Mar-92	12	=====																																			
TESTING	23-Mar-92	1-Apr-92	8	=====																																			
A/E SELECTION	15-Jul-91	13-Feb-92	148	=====																																			
PREP/ISS SCOPE REQUEST LETTER	15-Jul-91	2-Aug-91	15	=====																																			
SCOPE LETTER FROM A/E	5-Aug-91	12-Sep-91	28	=====																																			
SCOPE REVIEW/SELECT A/E	12-Sep-91	4-Nov-91	38	=====																																			
MASTER DIR/FPC REVIEW	2-Jan-92	13-Feb-92	31	=====																																			
PLANT SECURITY COMPUTER SYSTEM	3-Sep-91	15-Dec-93	578	=====																																			
PSCS SPECIFICATION ISSUE	3-Sep-91	14-Oct-91	30	=====																																			
VENDOR BID CYCLE	14-Oct-91	17-Dec-91	45	=====																																			
VENDOR PROPOSAL EVALUATION	20-Dec-91	28-Feb-92	48	=====																																			
PSCS CONTRACT AWARD	28-Feb-92	31-Mar-92	23	=====																																			
INTEGRATED SYSTEM ASSEMBLY	1-Apr-92	1-Feb-93	212	=====																																			
DIR/FPC REVIEW	4-May-92	15-Jun-92	30	=====																																			
UNTAILED DESIGN/MAR PACKAGE	8-Jun-92	3-Dec-92	126	=====																																			
PROCUREMENT-INSTALLATION HDWR	3-Aug-92	31-Mar-93	167	=====																																			
FPC REVIEW/MAR ISSUE	3-Dec-92	2-Feb-93	42	=====																																			
FACTORY ACCEPTANCE TESTING	3-Feb-93	31-Mar-93	40	=====																																			
VENDOR SHIP/RECEIVING-INSPECTM	1-Apr-93	30-Apr-93	22	=====																																			
SITE ACCEPTANCE TESTING	1-Apr-93	15-Dec-93	179	=====																																			
INSTALLATION-CPU's/VIDEO/CONS.	1-Jun-93	30-Jul-93	43	=====																																			
PERIMETER & NUISANCE FENCE	3-Feb-92	30-Nov-93	463	=====																																			
DIR/FPC REVIEW	14-Feb-92	20-Mar-92	26	=====																																			
DETAILED DESIGN/MAR PACKAGE	2-Mar-92	11-May-92	50	=====																																			
PROCUREMENT	3-Feb-92	30-Jun-92	105	=====																																			
FPC REVIEW/MAR ISSUE	11-May-92	8-Jul-92	42	=====																																			
INSTALLATION	3-Aug-92	30-Nov-93	335	=====																																			

```

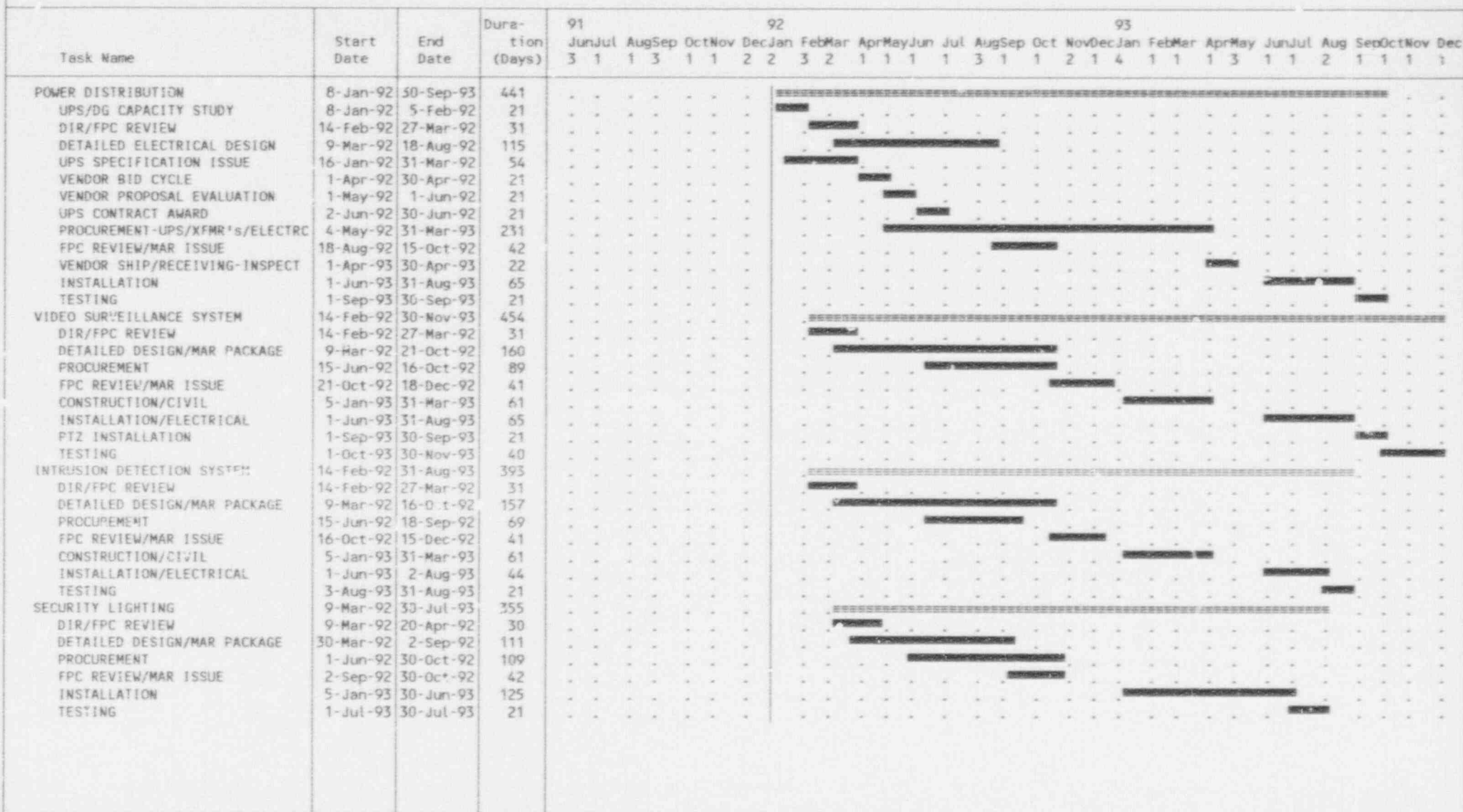
===== Detail Task      ===== Summary Task      ===== Baseline
===== (Progress)      ===== (Progress)      ===== Conflict
===== (Slack)          ===== (Slack)          ===== Resource delay
Progress shows Spent Effort Percent on Actual      Δ Milestone
----- Scale: 6 days per character -----

```

Document prepared by  
Nuclear Engineering Projects  
Manager: Wayne Wisula, x-5495  
contact: George Skala, x-5130

TIME LINE Gantt Chart Report

920106 1.rsj



```

=====
Detail Task      ===== Summary Task      ===== Baseline
(Progress)      ===== (Progress)      ===== Conflict
(Slack)         ===== (Slack)         ===== Resource delay
Progress shows Spent Effort Percent on Actual      c Milestone
Scale: 6 days per character
=====

```

Document prepared by  
Nuclear Engineering Projects  
Manager: Wayne Nisula, x-5495  
contact: George Skala, x-5130

TIME LINE Gantt Chart Report

920106 1.rsj

Schedule Name : ELECTRICAL PROJECTS

Responsible : R. S. Jetter

As-of Date : 31-Dec-91

Printed on : 06-Jan-92

Schedule File : AL920106

SECURITY SYSTEM UPGRADE

MAR 88-03-04-00

Page 3 of 3

Task Name	Start Date	End Date	Duration (Days)	91 92 93																					
				Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
CENTRAL ALARM STATION (CAS)	14-Feb-92	30-Apr-93	308	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
DIR/FPC REVIEW	14-Feb-92	27-Mar-92	31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
DETAILED DESIGN	9-Mar-92	30-Sep-92	145	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
FPC REVIEW/MAR ISSUE	30-Sep-92	30-Nov-92	42	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CONSTRUCTOR SELECTION	3-Aug-92	30-Nov-92	64	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PROCUREMENT	1-Dec-92	1-Feb-93	43	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CONSTRUCTION	5-Jan-93	30-Apr-93	83	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
GAS/COMP ROOM & GUARDHOUSE	14-Feb-92	30-Apr-93	308	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
DIR/FPC REVIEW	14-Feb-92	27-Mar-92	31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
DETAILED DESIGN	9-Mar-92	2-Nov-92	168	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
FPC REVIEW/MAR ISSUE	2-Nov-92	31-Dec-92	41	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CONSTRUCTOR SELECTION	3-Aug-92	30-Oct-92	64	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PROCUREMENT	1-Dec-92	1-Feb-93	43	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CONSTRUCTION	5-Jan-93	30-Apr-93	83	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
DUCTBANK	14-Apr-92	31-Mar-93	244	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
DIR/FPC REVIEW	14-Apr-92	26-May-92	29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
DESIGN/MAR PACKAGE	20-May-92	16-Oct-92	106	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
FPC REVIEW/MAR ISSUE	16-Oct-92	15-Dec-92	41	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MATERIAL PROCUREMENT	15-Jul-92	15-Oct-92	66	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CONSTRUCTION	5-Jan-93	31-Mar-93	61	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
ACCESS CONTROL SYSTEM	16-Mar-92	15-Dec-93	444	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
DIR/FPC REVIEW	16-Mar-92	24-Apr-92	29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
DETAILED DESIGN/MAR PACKAGE	6-Apr-92	2-Dec-92	168	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PROCURE-FIBER CABLE/MOUNT HDWR	1-Jun-92	1-Feb-93	171	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
FPC REVIEW/MAR ISSUE	2-Dec-92	1-Feb-93	42	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
INSTALL DATE CABLE	2-Feb-93	31-Aug-93	148	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
INSTALL MUX's/DOOR HARDWARE	3-May-93	1-Nov-93	127	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
ROLLOVER DOORS TO NEW SYSTEM	1-Nov-93	30-Nov-93	20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
TESTING	15-Nov-93	15-Dec-93	22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

■■■■ Detail Task    ■■■■ Summary Task    ■■■■ Baseline  
 ■■■■ (Progress)    ■■■■ (Progress)    ■■■■ Conflict  
 ■■■■ (Slack)    ■■■■ (Slack)    ■■■■ Resource delay  
 Progress shows Spent Effort Percent on Actual    ■■■■ Milestone  
 Scale: 6 days per character

Document prepared by  
 Nuclear Engineering Projects  
 Manager: Wayne Nisula, x-5495  
 contact: George Skala, x-5130

TIME LINE Gantt Chart Report

920106\_1.rsj