

## PMTurkeyCOLPEm Resource

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**From:** Comar, Manny  
**Sent:** Monday, June 16, 2014 11:31 AM  
**To:** Hinson, Charles  
**Cc:** TurkeyCOL Resource  
**Subject:** FW: FPL Letter L-2014-158 Dated 06-04-2014: NRC RAI Letter No. 072 (eRAI 6985) Supplemental Response  
**Attachments:** OSC from PART\_05 Annex 2.pdf; OSC from PART\_05 Annex 3.pdf; OSC Description from PART\_05 Annex 3.pdf

FYI

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**From:** Franzone, Steve [mailto:Steve.Franzone@fpl.com]  
**Sent:** Friday, June 06, 2014 1:16 PM  
**To:** Comar, Manny  
**Cc:** Madden, George; Orthen, Richard; Burski, Raymond  
**Subject:** RE: FPL Letter L-2014-158 Dated 06-04-2014: NRC RAI Letter No. 072 (eRAI 6985) Supplemental Response

FYI, George pulled out several other places where the OSC is described.

Thanks

Steve Franzone

NNP Licensing Manager - COLA

"Perhaps the very best question that you can memorize and repeat, over and over, is, what is the most valuable use of my time right now?" ~ Brian Tracy

561.694.3209 (office)

754.204.5996 (cell)

"This transmission is intended to be delivered only to the named addressee(s) and may contain information that is confidential and /or legally privileged. If this information is received by anyone other than the named addressee(s), the recipient should immediately notify the sender by E-MAIL and by telephone (561.694.3209) and permanently delete the original and any copy, including printout of the information. In no event shall this material be read, used, copied, reproduced, stored or retained by anyone other than the named addressee(s), except with the express consent of the sender or the named addressee(s).

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**From:** Franzone, Steve  
**Sent:** Thursday, June 05, 2014 9:47 AM  
**To:** 'Comar, Manny'  
**Cc:** Madden, George ([George.Madden@fpl.com](mailto:George.Madden@fpl.com)); Orthen, Richard; Burski, Raymond  
**Subject:** RE: FPL Letter L-2014-158 Dated 06-04-2014: NRC RAI Letter No. 072 (eRAI 6985) Supplemental Response

Here is a figure you can point him too. After he reviews we can discuss any other clarifications we may need. Figure C1-1 shows the Maintenance Shop/Office/**OSC** location. It is pdf p.200 of 298 in Part 5.

Thanks

Steve Franzone

NNP Licensing Manager - COLA

"This one step - choosing a goal and sticking to it - changes everything. " Scott Reed

561.694.3209 (office)

754.204.5996 (cell)

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**From:** Comar, Manny [<mailto:Manny.Comar@nrc.gov>]  
**Sent:** Wednesday, June 04, 2014 4:31 PM  
**To:** Franzone, Steve; Orthen, Richard; Burski, Raymond  
**Subject:** FW: FPL Letter L-2014-158 Dated 06-04-2014: NRC RAI Letter No. 072 (eRAI 6985) Supplemental Response

Can someone call me and discuss this

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**From:** Hinson, Charles  
**Sent:** Wednesday, June 04, 2014 1:41 PM  
**To:** Comar, Manny  
**Subject:** RE: FPL Letter L-2014-158 Dated 06-04-2014: NRC RAI Letter No. 072 (eRAI 6985) Supplemental Response

Hi Manny

I left you a voice message asking if you could contact the applicant and have them tell me the location of the joint Offsite Support Center (OSC) for Units 6 and 7. The relocation of the OSC is described in Departure 18.8-1 and this states that the location of the OSC is described in the Emergency Plan. Part 2 of the Emergency Plan (page H-4) describes the operations of the OSC, but does not give the location. Can you ask the applicant and ask them if the OSC for Units 6 & 7 is shown on any figures? Thanks

Charlie Hinson  
X1845

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**From:** Comar, Manny  
**Sent:** Wednesday, June 04, 2014 12:40 PM  
**To:** Conatser, Richard; Hinson, Charles  
**Cc:** McCoppin, Michael; Comar, Manny  
**Subject:** FW: FPL Letter L-2014-158 Dated 06-04-2014: NRC RAI Letter No. 072 (eRAI 6985) Supplemental Response

FYI

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**From:** Orthen, Richard [<mailto:Richard.Orthen@fpl.com>]  
**Sent:** Wednesday, June 04, 2014 11:18 AM  
**To:** Comar, Manny; Williamson, Alicia; Hoeg, Tim; Terry, Tomeka; McCree, Victor; Maher, William  
**Subject:** FPL Letter L-2014-158 Dated 06-04-2014: NRC RAI Letter No. 072 (eRAI 6985) Supplemental Response

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555-0001

Re: Florida Power & Light Company  
Proposed Turkey Point Units 6 and 7  
Docket Nos. 52-040 and 52-041  
Supplemental Response to NRC Request for Additional Information Letter No. 72  
(eRAI 6985) SRP Section 11.02 - Liquid Waste Management Systems

Reference:

FPL Letter L-2014-002 to NRC dated January 15, 2014, Response to Request for Additional Information Letter No. 72 (eRAI 6985) - SRP Section 11.02 - Liquid Waste Management Systems

Florida Power & Light Company (FPL) provides, as attachments to this letter, its supplemental response to the Nuclear Regulatory Commission's (NRC) Request for Additional Information (RAI) No. 11.02-6-1 through 11.02-6-4 (eRAI 6985) provided in the referenced letter. The clarifications to the referenced response are indicated by black text line-through and red text insertion in the attachment. The attachment identifies changes that will be made in a future revision of the Turkey Point Units 6 and 7 Combined License Application (if applicable).



Richard F. Orthen | Principal Licensing Engineer | New Nuclear Projects

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NextEra Energy, Inc. | Florida Power & Light Company

700 Universe Boulevard | Juno Beach, Florida | 33408-7512

**Hearing Identifier:** TurkeyPoint\_COL\_Public  
**Email Number:** 902

**Mail Envelope Properties** (377CB97DD54F0F4FAAC7E9FD88BCA6D0016AAE7B3D64)

**Subject:** FW: FPL Letter L-2014-158 Dated 06-04-2014: NRC RAI Letter No. 072 (eRAI 6985) Supplemental Response  
**Sent Date:** 6/16/2014 11:30:41 AM  
**Received Date:** 6/16/2014 11:30:43 AM  
**From:** Comar, Manny

**Created By:** Manny.Comar@nrc.gov

**Recipients:**  
"TurkeyCOL Resource" <TurkeyCOL.Resource@nrc.gov>  
Tracking Status: None  
"Hinson, Charles" <Charles.Hinson@nrc.gov>  
Tracking Status: None

**Post Office:** HQCLSTR01.nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	5777	6/16/2014 11:30:43 AM
image003.gif	1228	
image004.jpg	4090	
OSC from PART_05 Annex 2.pdf		1077749
OSC from PART_05 Annex 3.pdf		1095776
OSC Description from PART_05 Annex 3.pdf		115503

**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**





Figure B1-1 Unit 6 Facility Layout

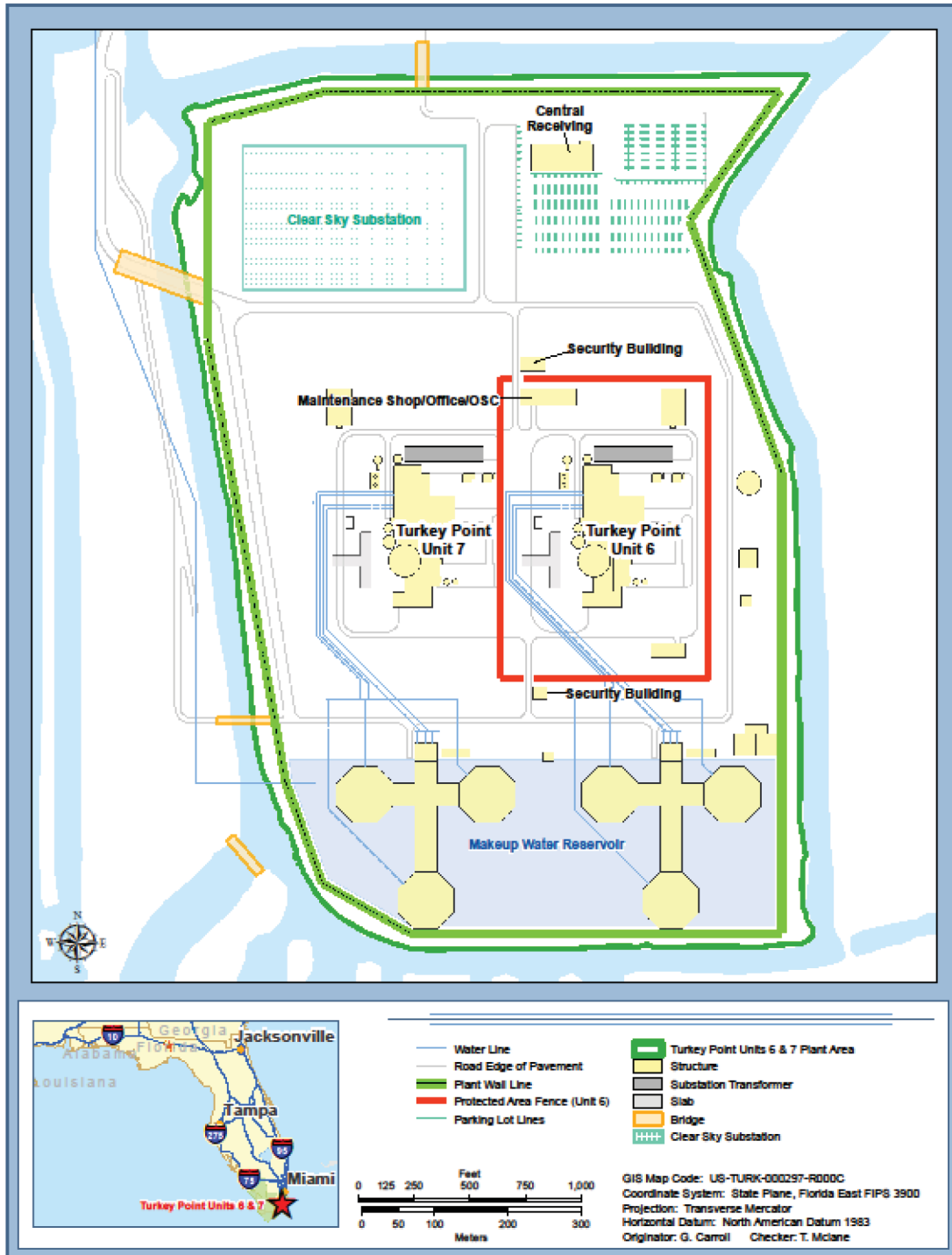
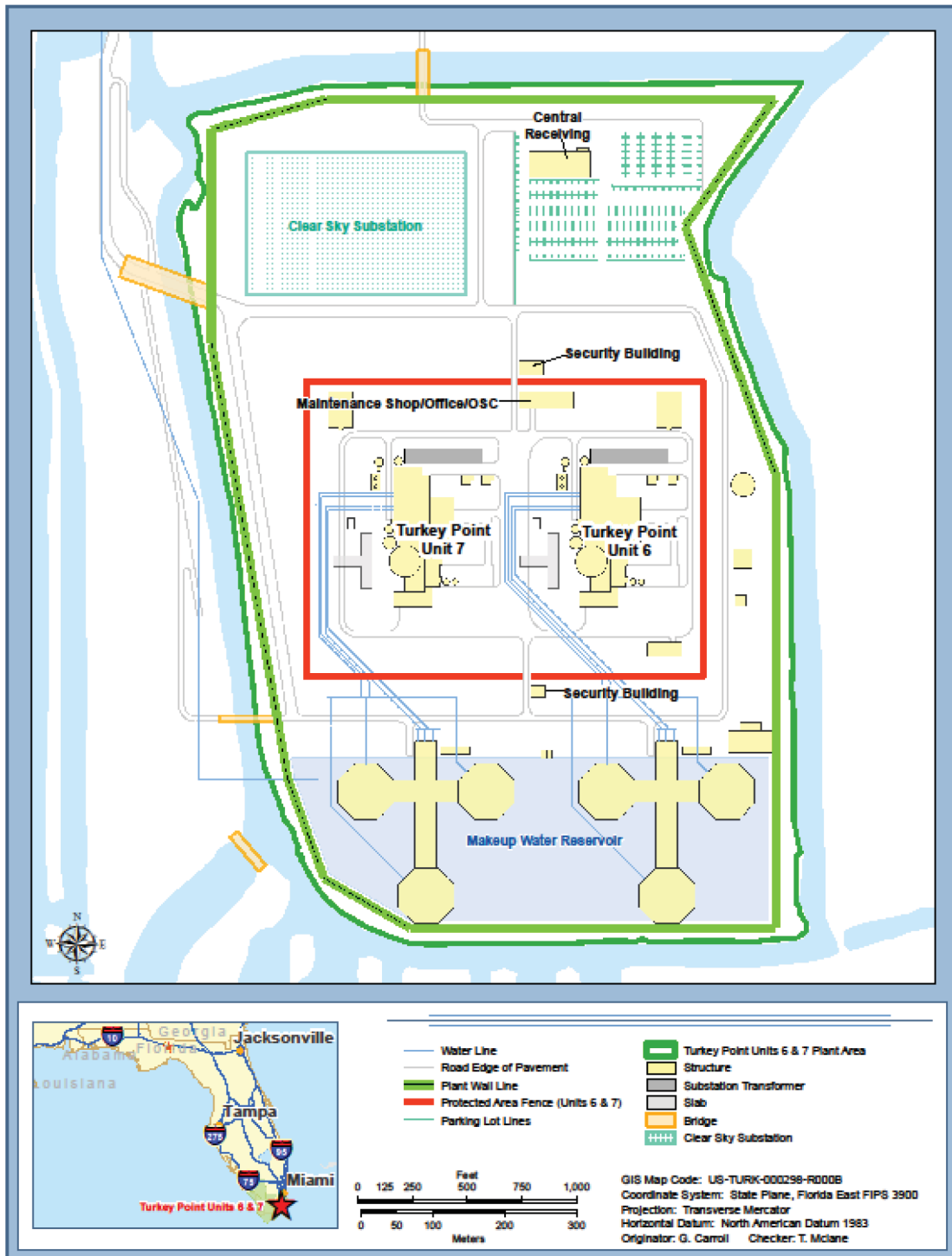


Figure C1-1 Units 6 & 7 Facility Layout





### SECTION 3: CLASSIFICATION OF EMERGENCIES

Section D of the Plan describes the classification of emergencies into four classification levels. They are *Unusual Event*, *Alert*, *Site Area Emergency*, and *General Emergency*. These classification levels are entered by meeting the criteria of EALs provided in this section of the Unit Annex. The EALs and the technical bases for the EALs are based on NEI 07-01, Rev. 0, *Methodology for Development of Emergency Action Levels Advanced Passive Light Water Reactors*.

Attachment 1 of this Annex provides the EALs for Units 6 & 7 based on the guidance of NEI 07-01.

### SECTION 4: EMERGENCY FACILITIES AND EQUIPMENT

#### 1. UNIT-SPECIFIC EMERGENCY FACILITIES

##### a. OSC

The OSC is located in the Maintenance Shop/Office Building inside the Protected Area. The OSC is the location from which survey, operations, and repair teams are dispatched into areas of the plant and is the staging area for individuals who may be assigned to first aid, search, survey, rescue, repair, and corrective action teams.

The OSC Manager is responsible for managing the activities in the OSC including:

- Ongoing accountability of anyone dispatched from the OSC. The Control Room Shift Manager or the Security Shift Supervisor tracks individuals who are assigned to the Control Room watch or the Security Force respectively.
- Radiological exposure control for the individuals within the OSC.
- Mobilizing individuals on the emergency roster needed to fill the positions in the OSC and other support personnel such as materials and warehouse personnel.

The OSC may be activated when “minimum staffing positions” are filled and all positions will be staffed within 60 minutes after the notification of an *Alert*, *Site Area Emergency*, or *General Emergency*.

Equipment and supplies for the OSC include protective clothing, dosimetry, sampling, and survey equipment to be used by the OSC teams.

Radiological exposure controls for the OSC include monitoring conditions and relocation if necessary.

Tools and parts available for normal plant maintenance are also available for damage control operations during emergencies.

In the event the OSC becomes uninhabitable, EIPs provide details on how to relocate OSC personnel.

b. Onsite Laboratories

The radiochemistry laboratory is located on the 82'-6" elevation in each Unit's Auxiliary Building and is available for emergency response during an accident. Each laboratory can receive power from the plant's diesel generators. General capabilities include:

- Radionuclide identification in various sample media.
- Analysis and measurement of radionuclides in samples taken within the plant and samples taken in the plant site and offsite environment.

**2. ASSESSMENT RESOURCES**

a. Onsite Radiation Monitoring Equipment

The onsite radiation monitoring capability in each Unit includes an installed process, effluent, and area Radiation Monitoring System (RMS); portable survey instrumentation; counting equipment for radiochemical analysis; and a personnel dosimetry program to record integrated exposure. Some onsite equipment is particularly valuable for accident situations.

1. Area Radiation Monitoring

The area monitoring system provides information on existing radiation levels in various areas of the plant to ensure safe occupancy. It is equipped with Control Room and local readout and audible alarms to warn personnel of a raised radiation level.

2. Radiological Noble Gas Effluent Monitoring

The wide range gas monitors are installed on normal plant effluent release points. Each monitor system has a microprocessor that uses digital processing