

REDACTED

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

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In re: Nuclear Power Plant Cost Recovery Clause

Docket No. 080009 -EI

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**PROGRESS ENERGY FLORIDA'S FIFTH REQUEST FOR  
CONFIDENTIAL CLASSIFICATION**

**EXHIBIT B**

COM \_\_\_\_\_  
ECR   1    
GCL \_\_\_\_\_  
OPC \_\_\_\_\_  
RCP \_\_\_\_\_  
SSC \_\_\_\_\_  
SGA \_\_\_\_\_  
ADM \_\_\_\_\_  
CLK \_\_\_\_\_

DOCUMENT NUMBER-DATE  
06777 AUG-1 8  
FPSC-COMMISSION CLERK

**Docket 080009-EI**  
**Docket 080149-EI**  
**Deposition of Daniel L. Roderick**  
**Late-Filed Exhibit No. 3**

**Request:**

Documentation from last 2 or 3 quarterly senior management meetings that Danny Roderick would have used to provide information on CR3 Uprate.

**Response:**

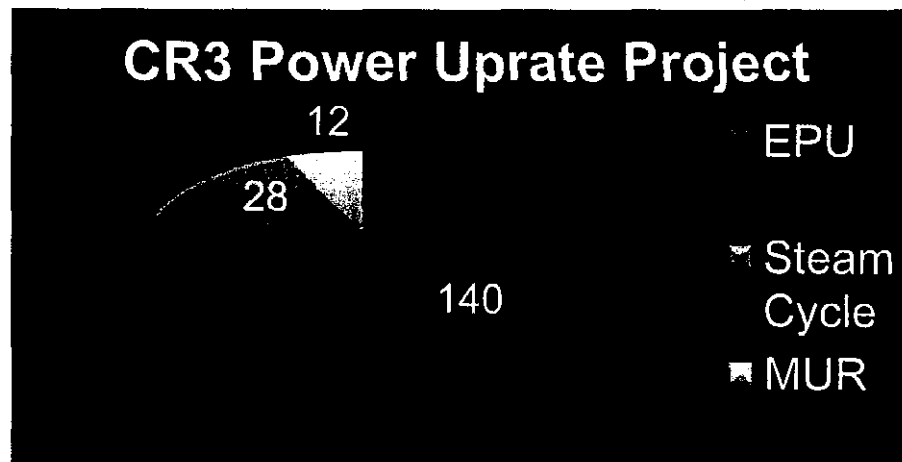
See documents bearing Bates Nos. PEF-NCR-7833 through PEF-NCR-7993.

# Project Overview

## • EPU Project Overview

- Initial Authorization November 2006, ██████████ Financial View BAP
- Initial Phase Measurement Uncertainty Recovery + 12 MWe in 2008
- Steam Cycle Efficiency + 28 MWe in 2009
- Extended Power Uprate (EPU) + 140 MWe in 2011
- Point of Discharge (POD) Mitigation concurrent with EPU
- CR3 Increases Output from 900 to 1080 MWe total
- \$2.6 Billion in gross fuel savings to PEF customers

CONFIDENTIAL



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In re: Nuclear Power Plant Cost Recovery Clause

Docket No. 080009

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**PROGRESS ENERGY FLORIDA'S FIFTH REQUEST FOR  
CONFIDENTIAL CLASSIFICATION**

LATE-FILED DEPOSITION EXHIBITS OF D. RODERICK

BATES NO. PEF-NCR-7835

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In re: Nuclear Power Plant Cost Recovery Clause

Docket No. 080009

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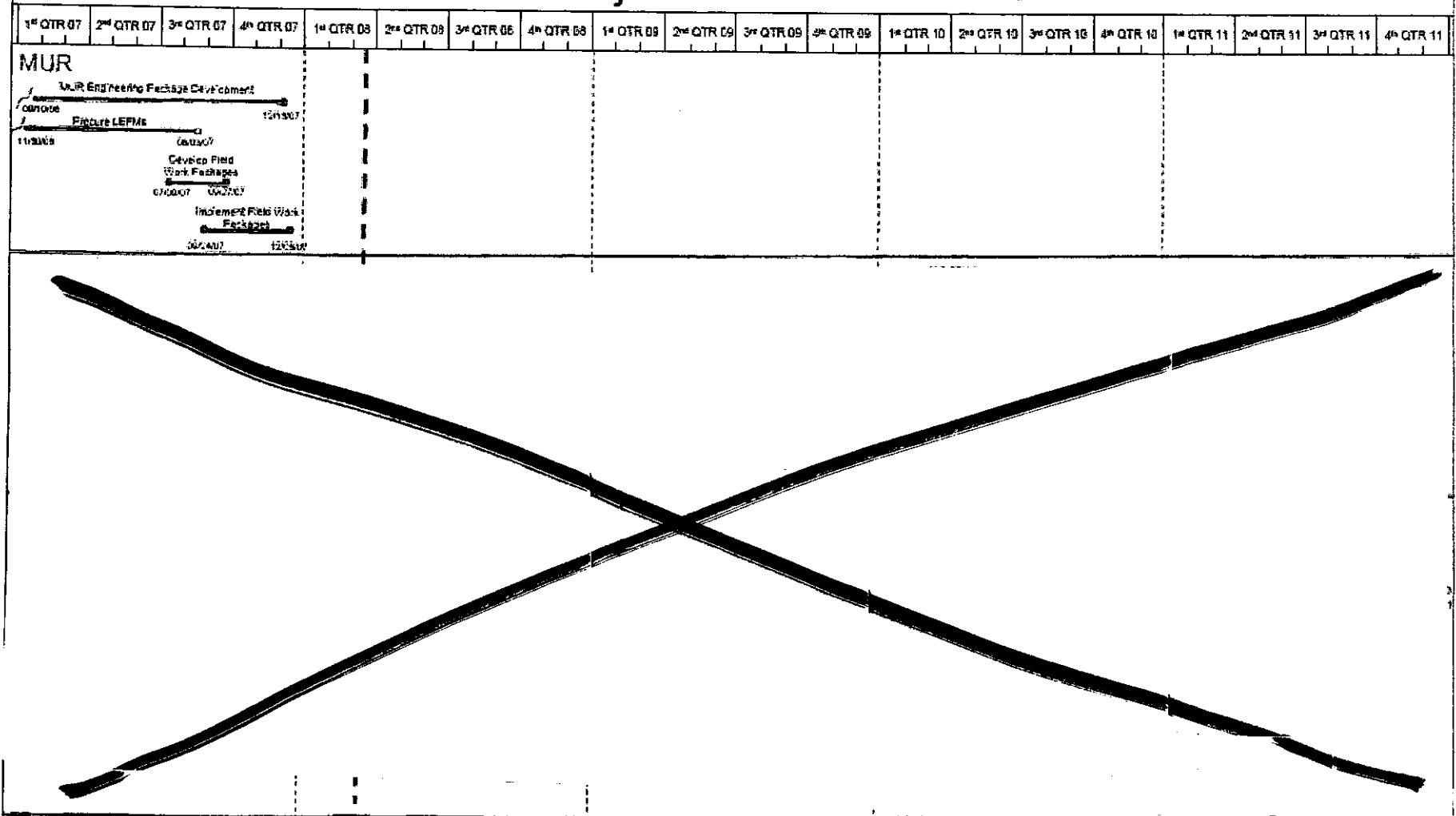
**PROGRESS ENERGY FLORIDA'S FIFTH REQUEST FOR  
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LATE-FILED DEPOSITION EXHIBITS OF D. RODERICK

BATES NO. PEF-NCR-7844 through  
PEF-NCR-7845

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# EPU Project Level I Schedule



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BATES NO. PEF-NCR-7848 through  
PEF-NCR-7854

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BATES NO. PEF-NCR-7857 through  
PEF-NCR-7920

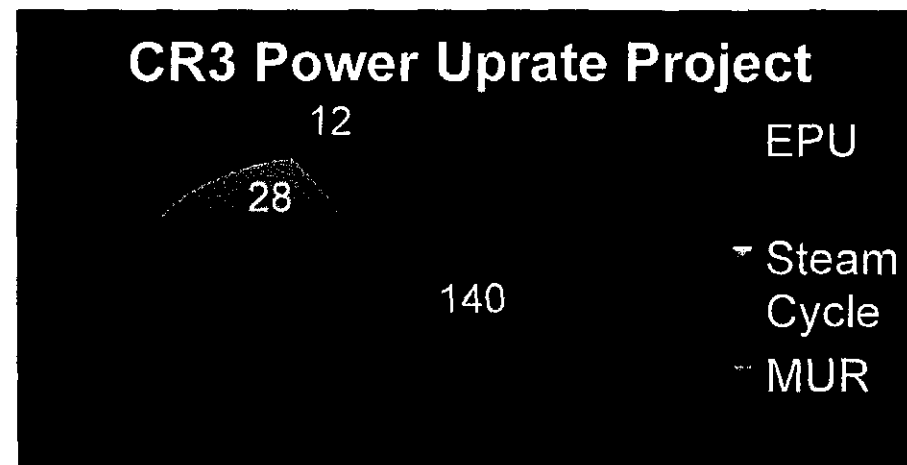
REDACTED



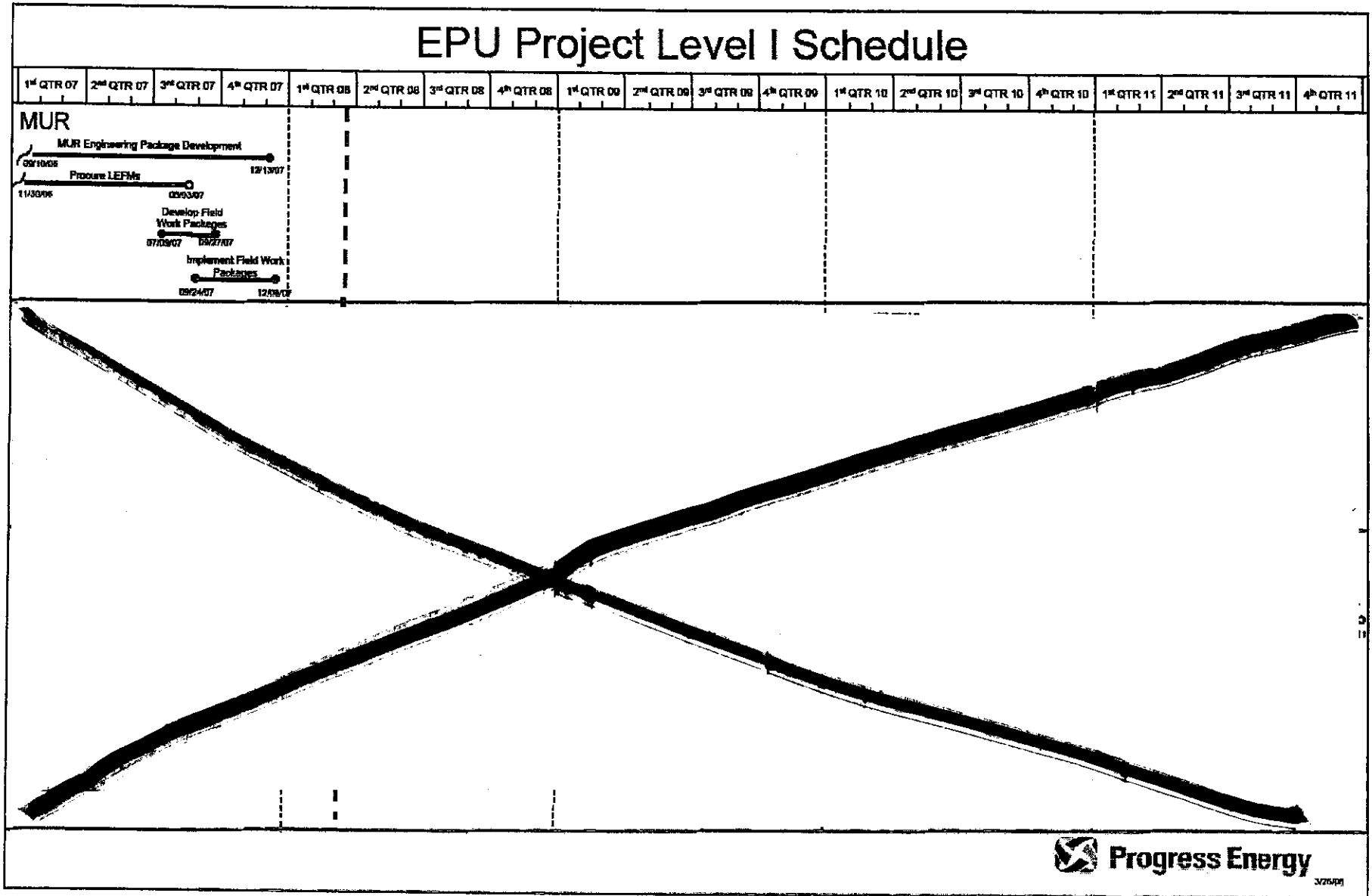
# Project Overview

## ● EPU Project Overview

- ◆ Initial Authorization November 2006, [REDACTED] Financial View BAP
- Completed Measurement Uncertainty Recovery + 12 MWe
- Steam Cycle Efficiency + 28 MWe in 2009
- Extended Power Uprate (EPU) + 140 MWe in 2011
- Point of Discharge (POD) Mitigation concurrent with EPU
- CR3 Increases Output from 900 to 1080 MWe total
- IPP Update in March 2008 to [REDACTED] EAC



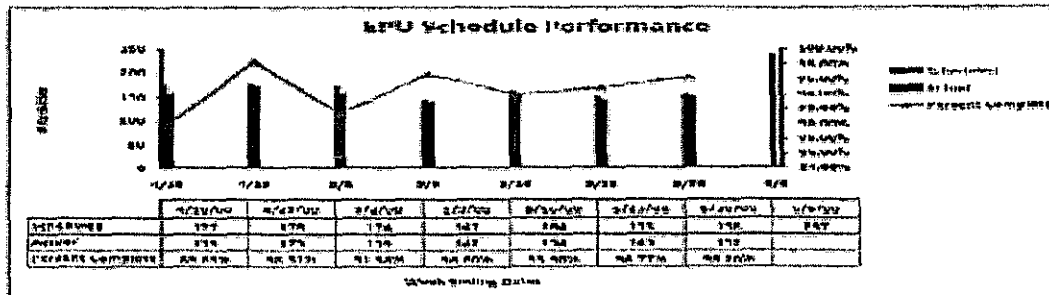
# EPU Project Level I Schedule



# Schedule Performance

REDACTED

- SPI =1.00 Completed all scheduled items to date
- Project Per Cent Complete =17% by project schedule line item 495/2881 (Total Line items will increase)
- Project Per Cent Complete = 12.7% by project expenditure to date



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LATE-FILED DEPOSITION EXHIBITS OF D. RODERICK

BATES NO. PEF-NCR-7927 through  
PEF-NCR-7928

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In re: Nuclear Power Plant Cost Recovery Clause

Docket No. 080009

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LATE-FILED DEPOSITION EXHIBITS OF D. RODERICK

BATES NO. PEF-NCR-7930

REDACTED

# EPU Financial Performance

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REDACTED

- IPP authorized [REDACTED] at March 2008 Update
- 2008 Budget [REDACTED], Forecast [REDACTED] (2007 carry over)
- 2008 Projection – Under Forecast
  - ◆ May YTD Budget [REDACTED] with [REDACTED], Actual.
    - ◆ Variance is timing of major contract payments, will correct to budgeted value by years end.
- Bottoms Up Estimate Completed in June
  - ◆ Supports 2008 Budget Process
  - ◆ Validated IPP Contingency values
  - ◆ Established WBS detail to support EVA at Task Level
    - ◆ Increased Level of detail in schedule and WBS
- EAC [REDACTED]



# EPU Project Expenditures to Date

REDACTED

- Expenditure Summary

Project To Date Actuals	2016	2017	2018 YTD May	Total PTD
Direct Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Burdens (Includes NPC & PEF Support Allocation)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Financial/CMR View	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Client Driven Service Company	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Pension	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
AFUDC	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Total Project Cost (Gross Joint Owner)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]



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BATES NO. PEF-NCR-7933 through PEF-NCR-7935

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LATE-FILED DEPOSITION EXHIBITS OF D. RODERICK

BATES NO. PEF-NCR-7937 through PEF-NCR-7952

REDACTED

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In re: Nuclear Power Plant Cost Recovery Clause

Docket No. 080009

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LATE-FILED DEPOSITION EXHIBITS OF D. RODERICK

BATES NO. PEF-NCR-7955

REDACTED

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Docket No. 080009

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BATES NO. PEF-NCR-7957 through PEF-NCR-7977

REDACTED

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In re: Nuclear Power Plant Cost Recovery Clause

Docket No. 080009

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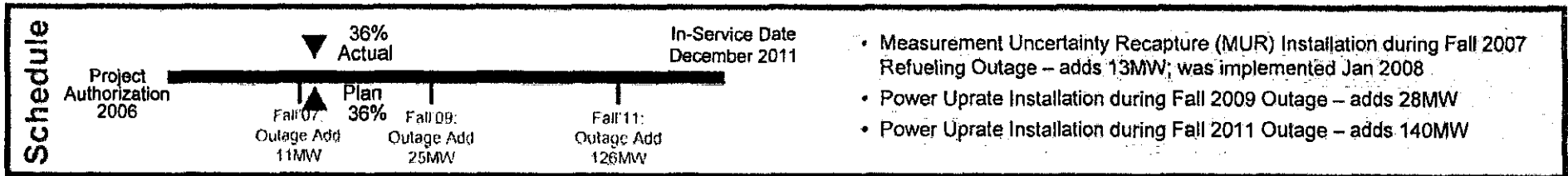
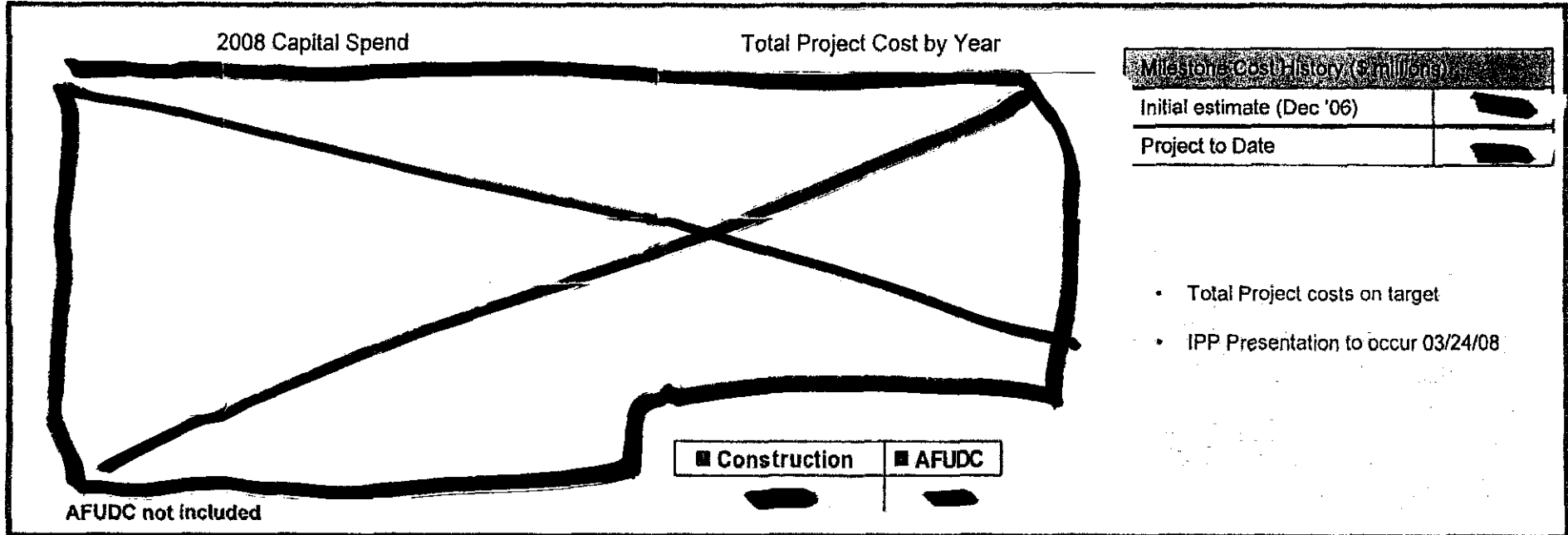
LATE-FILED DEPOSITION EXHIBITS OF D. RODERICK

BATES NO. PEF-NCR-7980 through PEF-NCR-7989

REDACTED

# Crystal River Unit 3 Extended Power Uprate

Perform plant modifications that will provide Crystal River Unit 3 with the capability of producing an additional net 180 MW.

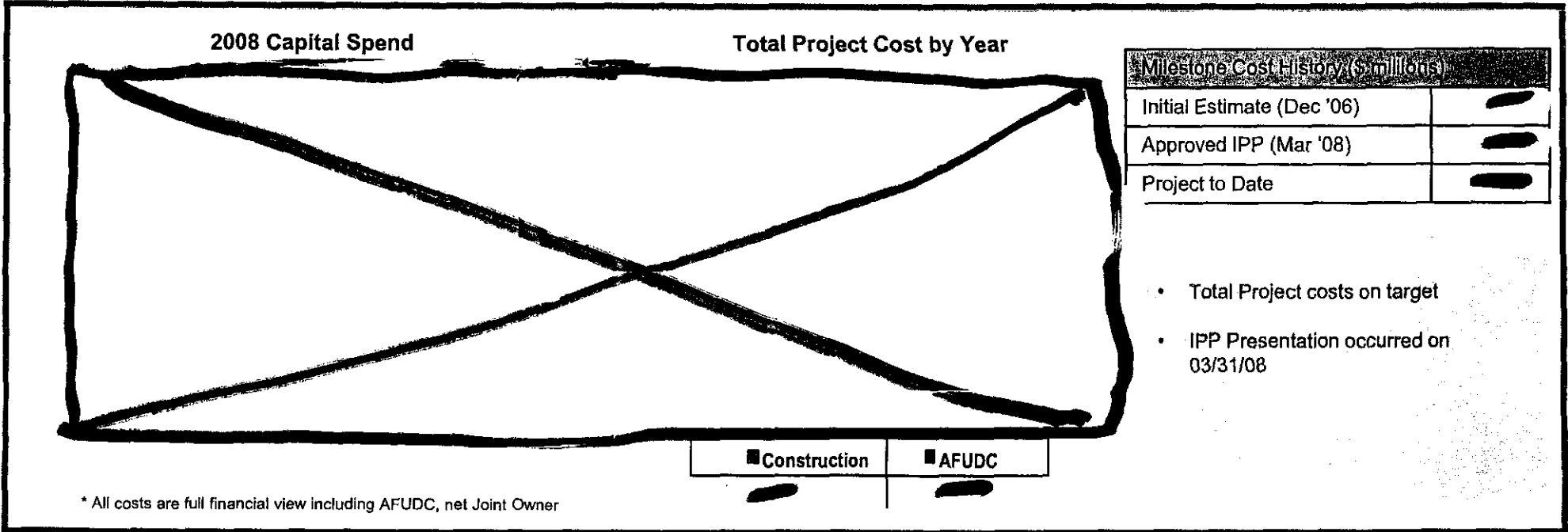


Issue	Impact/ Action
<ul style="list-style-type: none"> <li>Cost management</li> <li>Cost recovery</li> </ul>	<ul style="list-style-type: none"> <li>Firm price contracts for components being finalized through early 2008</li> <li>Contingency funding available for labor and materials price uncertainty</li> <li>Seek recovery under the Nuclear Cost Recovery Rule (filing in March, 2008)</li> </ul>

REDACTED

# Crystal River Unit 3 Extended Power Uprate

Perform plant modifications that will provide Crystal River Unit 3 with the capability of producing an additional net 180 MW.



Milestone Cost History (\$ millions)	
Initial Estimate (Dec '06)	
Approved IPP (Mar '08)	
Project to Date	

- Total Project costs on target
- IPP Presentation occurred on 03/31/08

■ Construction    ■ AFUDC

\* All costs are full financial view including AFUDC, net Joint Owner



- Measurement Uncertainty Recapture (MUR) Installation during Fall 2007 Refueling Outage – adds 13MW; was implemented Jan 2008
- Power Uprate Installation during Fall 2009 Outage – adds 28MW
- Power Uprate Installation during Fall 2011 Outage – adds 140MW

Issue/ Impact	Issue	Impact/ Action
<ul style="list-style-type: none"> <li>• Cost management</li> <li>• Cost Recovery</li> </ul>	<p style="text-align: center;"><b>REDACTED</b></p>	<ul style="list-style-type: none"> <li>• Firm price contracts for components being finalized through early 2008</li> <li>• Contingency funding available for labor and materials price uncertainty</li> <li>• Seek recovery under the Nuclear Cost Recovery Rule (filed in March, 2008; currently in discovery)</li> </ul>

**Docket 080009-EI**  
**Docket 080149-EI**  
**Deposition of Daniel L. Roderick**  
**Late-Filed Exhibit No. 5**

**Request:**

Response to items that need improvement identified in Project Assurance audit.

**Response:**

Please see attached documents bearing Bates Nos. PEF-NCR-7994 through PEF-NCR-8074

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

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In re: Nuclear Power Plant Cost Recovery Clause

Docket No. 080009

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LATE-FILED DEPOSITION EXHIBITS OF D. RODERICK

BATES NO. PEF-NCR-7994 through PEF-NCR-8460

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**Docket 080009-EI**  
**Docket 080149-EI**  
**Deposition of Daniel L. Roderick**  
**Late-Filed Exhibit No. 7**

**Request:**

Variance budget reports for last two months for CR3 Uprate.

**Response:**

Please see documents attached bearing Bates Nos. PEF-NCR-8075 through PEF-NCR-8083.

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BATES NOS. PEF-NCR-8075 through PEF-NCR-8083

**REDACTED**

**Docket 080009-EI**  
**Docket 080149-EI**  
**Deposition of Daniel L. Roderick**  
**Late-Filed Exhibit No. 8**

**Request:**

(a) Clearer copy of matrix as reflected on pages 18-20 of Exhibit DLR-1, (b) along with risk mitigation plan for each red and yellow risk (this is print screen information from the computer program).

**Response:**

- (a) Exhibit DLR-1 was the Power Uprate Integrated Project Plan (IPP). The matrix reflected on pages 18-20 of that document represented a snapshot of the then-current Risk Status Report. The current version of the EPU Risk Status Report is longer than that snapshot from March 2008 and has been produced in this late-filed exhibit.
- (b) The second file is the risk mitigation plan detail for the current Risk Status Report.

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BATES NOS. PEF-NCR-8084 through PEF-NCR-8174

**REDACTED**

**Docket 080009-EI**  
**Docket 080149-EI**  
**Deposition of Daniel L. Roderick**  
**Late-Filed Exhibit No. 9**

**Request:**

Pinchpoint study/feasability analysis for CR3 Uprate.

**Response:**

Please see Confidential documents bearing Bates Nos. PEF-NCR-8175 through PEF-NCR-8460.

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LATE-FILED DEPOSITION EXHIBITS OF D. RODERICK

BATES NOS. PEF-NCR-8175 through PEF-NCR-8460

**REDACTED**

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