
In re: Nuclear Power Plant Cost
Recovery Clause

Docket No. 080009-EI

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

EXHIBIT B

DWP _____
ODM _____
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GDA _____
GEO _____
OTB _____

DOCUMENT NUMBER-DATE

04251 MAY 22 88

FPSC-COMMISSION CLERK

SCHEDULE APPENDIX

REDACTED

EXHIBIT (LC-1)

**PROGRESS ENERGY FLORIDA, INC.
Crystal River Unit 3 Uprate
COMMISSION SCHEDULES (P-1 Through P-10)**

**JANUARY 2009 - DECEMBER 2009
Projections
DOCKET NO. 080009-EI**

DOCUMENT NUMBER - DATE

04251 MAY 22 08

FPSC-COMMISSION CLERK

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

REDACTED
 [Section (8)(c)]

Schedule P-8

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

Provide a list of contracts executed in excess of \$1 million including, a description of the work, the dollar value and term of the contract, the method of vendor selection, the identity and affiliation of the vendor, and current status of the contract.

COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2009

DOCKET NO.: 0080009 - EI

Witness: Daniel Roderick

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	
Line No.	Contract No.	Status of Contract	Original Term of Contract	Current Term of Contract	Original Amount	Actual Expended as of Prior Year End	Estimate of amount to be Expended in Current Year	Estimate of Final Contract Amount	Name of Contractor (and Affiliation if any)	Method of Selection	Work Description
1	44867 A07	Issued							NuFlo Technologies Sales Co.	Fleet Contract in Place - Sole Source	Purchase & Installation of Leading Edge Flow Meter (LEFM) to Recapture Measurement Uncertainty
2	101659 WA 61	Issued							AREVA - NP	Sole Source - Original Equipment Manufacture	Engineering Design & Licensing for Measurement Uncertainty Recapture
3	101659 WA 84	Issued							AREVA - NP	Sole Source - Original Equipment Manufacture	EPU NSSS Engineering, Fuel Eng, and LAR Support for CR3
4	342253	Issued							Thermal Engineering International (TEI)	RFP	Purchase of 4 moisture separator reheaters (MSRs)
5	101659 WA 93	Issued							Areva NP	RFP KS12007	EPU BOP
6	3714, Amdt 53, Amdt 57 to add funds	Issued							Atlantic Group	Fleet Contract in Place - Sole Source	LEFM Install
7	145569 WA 50	Issued							Siemens	RFP	CR3 turbine retrofit for EPU including supply of all equipment and installation.
8	355217	Issued							Yuba Heat Transfer Div.	RFP	CR3 Feedwater Heater and SC cooler replacement

DOCUMENT NUMBER - DATE

04251 MAY 22 08

FPSC-COMMISSION CLERK

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed**

[Section (8)(c)]

Schedule P-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

COMPANY: PROGRESS ENERGY - FL

Witness: Daniel Roderick

DOCKET NO.: 0080009 - EI

Contract No.:

44867 Amendment 07

Major Task or Tasks Associated With:

Purchase & Installation of Leading Edge Flow Meter to Recapture Measurement - Uncertainty - Power Level Update

Vendor Identity:

NuFlo Technologies Sales Co.

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

Sole Source

Number of Bids Received:

N/A

Brief Description of Selection Process:

A Fleet Contract had been approved for entire fleet to Purchase the LEFM from Caldon (recognized as industry leader). Further NRC Issue Summary 2007-24 suspended further approvals of the Westinghouse AMAG Crossflow Ultrasonic Flow Meter (UFM) until problems are addressed.

Dollar Value:

[REDACTED]

Contract Status:

Issued

Term Begin:

[REDACTED]

Term End:

[REDACTED]

Nature and Scope of Work:

Progress Energy proposes to perform a thermal power uprate of the Crystal River Unit 3 nuclear plant to achieve an increase in the reactor core thermal power output and subsequent increases in electrical generation output. Current 10 CFR50 regulations allow the plant to recover the difference between 2% and the demonstrated uncertainty of thermal power measurement made possible with the installation of more accurate ultrasonic feedwater flow instrumentation. Caldon shall provide a complete Leading Edge Flow Meter (LEFM) CheckPlus ultrasonic feedwater flow measurement (UFM) system for Crystal River Unit 3. This system shall use ultrasonic "transit time" technology to determine feedwater volumetric flow rate, mass flow rate and fluid temperature. This specification establishes the supply, inspection testing and documentation requirements for the flow measurement system which will be used in conjunction with the Crystal River Unit 3 "Appendix K" thermal power uprate proposals.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

[Section (8)(c)]

Schedule P-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

COMPANY: PROGRESS ENERGY - FL

Witness: Daniel Roderick

DOCKET NO.: 0080009 - EI

Contract No.:

101659 WA 61

Major Task or Tasks Associated With:

Engineering Design & Licensing for Measurement Uncertainty Recapture

Vendor Identity:

AREVA NP

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

Sole Source

Number of Bids Received:

N/A

Brief Description of Selection Process:

OEM

Dollar Value:

Contract Status:

Issued

Term Begin:

Term End:

Nature and Scope of Work:

Contractor shall provide engineering, design and licensing for the Measurement Uncertainty Recapture (MUR) project. The awarded Work shall be performed at Owner's, Crystal River Nuclear Plant, located near Crystal River, Florida and shall consist of the following unique work scopes/deliverables. 1.0 December Submittals - These will be completed under AREVA's QA Program and are Non-Safety. 1) 12/07/06 Transmit NSSS I&C System Reviews to CR3 2) 12/08/06 Transmit HVAC System Reviews to CR3 3) 12/19/06 Transmit BOP Elect System Reviews to CR3 4) 12/22/06 Transmit NSSS Fluid System Reviews to CR3 5) 12/29/06 Transmit BOP Fluid System Reviews to CR3 2.0 License Amendment Request - Draft Submittal to CR3 for the MUR. The draft license amendment request (LAR) is a AREVA NP 51-document summarizing the license evaluations performed by AREVA NP and CR3 to meet the NRC regulatory information summary (RIS) 2002-003, Guidance on the Content of Measurement Uncertainty Recapture Power Uprate Applications. The draft license amendment request will be completed under AREVA's QA Program and is Safety-Related.

The deliverables to CR3 that are input to this summary document include: AREVA NP 32-document, New Operating Conditions for the CR3 MUR AREVA's QA Program/Safety-Related AREVA NP 32-document, Heat Balances Uncertainty Calculation for the CR3 MUR AREVA's QA Program/Safety-Related AREVA NP 12-document, Revised PEPSE model for CR3 MUR AREVA's QA Program/Non-Safety AREVA NP 51-document, NSSS Fuel Evaluation AREVA's QA Program/Non-Safety.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

[Section (8)(c)]

Schedule P-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

COMPANY: PROGRESS ENERGY - FL

Witness: Daniel Roderick

DOCKET NO.: 0080009 - EJ

Contract No.:

101659 WA 84

Major Task or Tasks Associated With:

EPU NSSS Engineering, Fuel Eng, and LAR Support for CR3

Vendor Identity:

Areva NP, Inc.

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

Sole Source

Number of Bids Received:

N/A

Brief Description of Selection Process:

N/A - OEM

Dollar Value:

Contract Status:

Issued

Term Begin:

Term End:

Nature and Scope of Work:

Contractor agrees to perform the following work more fully described in AREVA Proposal No. NSSSE06-1023.0 Revision 000 dated July 18, 2007 to furnish all engineering personnel and tools, engineering supervision and management, deliverable documents and required transportation necessary to perform the following functions in support of the Extended Power Uprate (EPU) Project Nuclear Steam Supply (NSSS) Portion for Crystal River Three (CR-3) Nuclear Power Station: Nuclear Steam Supply System (NSSS) Engineering, Fuel Engineering, Support of the Licensing Amendment Request (LAR).

This work is Nuclear Safety Related.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

[Section (8)(c)]

Schedule P-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION
COMPANY: PROGRESS ENERGY - FL
DOCKET NO.: 0080009 - EI

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

Witness: Daniel Roderick

Contract No.:

342253

Major Task or Tasks Associated With:

Purchase of 4 MSRs

Vendor Identity:

Thermal Engineering International (TEI)

Vendor Affiliation (specify "direct" or "indirect"):

Direct

Number of Vendors Solicited:

2

Number of Bids Received:

2

Brief Description of Selection Process:

Bid was lower than the competing bidder

Dollar Value:

Contract Status:

Issued

Term Begin:

Term End:

Nature and Scope of Work:

Thermal Engineering International (TEI) is to provide four (4) moisture separator reheaters (MSR's) for Crystal River Unit #3 (CR3) that when combined with other power uprate modifications serve to maximize the uprated turbine steam cycle conditions. The replacement MSR's shall be designed and fabricated with full consideration for maintaining the existing plant piping configuration including the turbine cross under and cross over piping. MSR's are to contribute to the rated generator MVA capability that will have a minimum performance capability of 1080 MWe real power output while concurrently providing 430 MVAR reactive power.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

[Section (8)(c)]

Schedule P-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 0080009 - EI

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

Witness: Daniel Roderick

Contract No.:

101659-93

Major Task or Tasks Associated With:

EPU, BOP

Vendor Identity:

Areva NP

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

5

Number of Bids Received:

3

Brief Description of Selection Process:

Areva has proven performance on MUR and NSSS with a stronger interface with vendors; teamed with original A/E for BOP at CR3; Areva is the best vendor from a technical perspective and on average equal cost with opportunity to earn higher royalties.

Dollar Value:

Contract Status:

Issued

Term Begin:

Term End:

Nature and Scope of Work:

Contractor shall provide Engineering Services for CR3 Secondary Systems Uprate to support the Extended Power Uprate Project. Engineering Services shall be in accordance with Request for Proposal No. KS12007 and "Extended Power Uprate Bid Specification", dated June 25, 2007.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

[Section (8)(c)]

REDACTED

Schedule P-8A

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

Witness: Daniel Roderick

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 0080009 - EI

Contract No.:

Master 3714, Amdt 53, and Amd 57 to add funds

Major Task or Tasks Associated With:

LEFM Install

Vendor Identity:

Atlantic Group

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

Sole Source

Number of Bids Received:

N/A

Brief Description of Selection Process:

Work awarded under fleet contract that was competitively bid.

Dollar Value:

[REDACTED]

Contract Status:

Issued

Term Begin:

[REDACTED]

Term End:

[REDACTED]

Nature and Scope of Work:

LEFM Installation at CR3

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed**

[Section (B)(c)]

Schedule P-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

COMPANY: PROGRESS ENERGY - FL

Witness: Daniel Roderick

DOCKET NO.: 0080009 - EI

Contract No.:

145569 WA 50

Major Task or Tasks Associated With:

CR3 turbine retrofit for EPU including supply of all equipment and installation

Vendor Identity:

Siemens

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

4

Number of Bids Received:

2

Brief Description of Selection Process:

Total cost lower than competing bidder. Siemens adds value by bundling all componenets and services.

Dollar Value:

[REDACTED]

Contract Status:

Issued

Term Begin:

[REDACTED]

Term End:

[REDACTED]

Nature and Scope of Work:

Contractor to provide all materials, equipment, and tools to supply and install High pressure Turbine Rotors, Low Pressure Turbine Rotors, Generator, and Exciter at Crystal River Unit #3 as more fully described in Attachment A - Scope of Work (attached hereto) and as set forth in the Contractor's offer (Proposal Number TA02-280) dated April 16, 2007, the Proposal Revision e-mail TA02-280-1 dated May 18, 2007, Mr Puneet Bahi's Installation Clarification e-mail and its Attachment dated June 4, 2007 and the terms and conditions of the Master Contract # 145569.

This work is non-safety related.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Projection Filing: Contracts Executed

[Section (8)(c)]

Schedule P-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2009

COMPANY: PROGRESS ENERGY - FL

Witness: Daniel Roderick

DOCKET NO.: 0080009 - E1

Contract No.:

355217

Major Task or Tasks Associated With:

Purchase of Feedwater Heater and SC Cooler Replacement at CR3.

Vendor Identity:

Yuba Heat Transfer Div.

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

2

Number of Bids Received:

2

Brief Description of Selection Process:

Bid was lower than the competing bidder and Yuba is technically and commercially the best supplier of the equipment.

Dollar Value:

[REDACTED]

Contract Status:

Issued

Term Begin:

[REDACTED]

Term End:

[REDACTED]

Nature and Scope of Work:

Supplier of Feedwater Heater and SC Cooler Replacement at CR3.

**SCHEDULE APPENDIX
REDACTED**

EXHIBIT (LC-2)

**PROGRESS ENERGY FLORIDA, INC.
Crystal River Unit 3 Uprate
COMMISSION SCHEDULES (AE-1 Through AE-10)**

**JANUARY 2008 - DECEMBER 2008
Actual/Estimated
DOCKET NO. 080009-EI**

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Actual & Estimated Filing: Contracts Executed**

[Section (8)(c)]
REDACTED

Schedule AE-8

FLORIDA PUBLIC SERVICE COMMISSION EXPLANATION:

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COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2008

DOCKET NO.: 080009 - EI

Witness: Daniel L. Roderick

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	
Line No.	Contract No.	Status of Contract	Original Term of Contract	Current Term of Contract	Original Amount	Actual Expended as of Prior Year End (2006/2007)	Estimate of amount to be Expended in Current Year (2008)	Estimate of Final Contract Amount	Name of Contractor (and Affiliation if any)	Method of Selection	Work Description
1	44867 A07	Issued							NuFlo Technologies Sales Co.	Fleet Contract in Place - Sole Source	Purchase & Installation of Leading Edge Flow Meter (LEFM) to Recapture Measurement Uncertainty
2	101659 WA 61	Issued							AREVA - NP	Sole Source - Original Equipment Manufacture	Engineering Design & Licensing for Measurement Uncertainty Recapture
3	101659 WA 84	Issued							AREVA - NP	Sole Source - Original Equipment Manufacture	EPU NSSS Engineering, Fuel Eng, and LAR Support
4	342253	Issued							Thermal Engineering	RFP	Purchase of 4 moisture separator reheaters (MSRs)
5	101659 WA 93	Issued							Areva NP	RFP KS12007	EPU BOP
6	3714, Amdt 53, Amdt 57 to add funds	Issued							Atlantic Group	Fleet Contract in Place - Sole Source	LEFM Install
7	145569 WA 50	Issued							Siemens	RFP	CR3 turbine retrofit for EPU including supply of all equipment and installation.
8	355217	Issued							Yuba Heat Transfer Div.	RFP	CR3 Feedwater Heater and SC cooler replacement

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Actual & Estimated Filing: Contracts Executed**

[Section (8)(c)]

REDACTED

Schedule AE-8A

FLORIDA PUBLIC SERVICE COMMISSION

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COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2008

DOCKET NO.: 080009 - EI

Witness: Daniel L. Roderick

Contract No.:

44867 Amendment 07

Major Task or Tasks Associated With:

Purchase & Installation of Leading Edge Flow Meter to Recapture Measurement - Uncertainty - Power Level Update

Vendor Identity:

NuFlo Technologies Sales Co.

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

Sole Source

Number of Bids Received:

N/A

Brief Description of Selection Process:

A Fleet Contract had been approved for entire fleet to Purchase the LEFM from Caldon (recognized as industry leader). Further NRC Issue Summary 2007-24 suspended further approvals of the Westinghouse AMAG Crossflow Ultrasonic Flow Meter (UFM) until problems are addressed.

Dollar Value:

Contract Status:

Issued

Term Begin:

Term End:

Nature and Scope of Work:

Progress Energy proposes to perform a thermal power uprate of the Crystal River Unit 3 nuclear plant to achieve an increase in the reactor core thermal power output and subsequent increases in electrical generation output. Current 10 CFR50 regulations allow the plant to recover the difference between 2% and the demonstrated uncertainty of thermal power measurement made possible with the installation of more accurate ultrasonic feedwater flow instrumentation. Caldon shall provide a complete Leading Edge Flow Meter (LEFM) CheckPlus ultrasonic feedwater flow measurement (UFM) system for Crystal River Unit 3. This system shall use ultrasonic "transit time" technology to determine feedwater volumetric flow rate, mass flow rate and fluid temperature. This specification establishes the supply, inspection testing and documentation requirements for the flow measurement system which will be used in conjunction with the Crystal River Unit 3 "Appendix K" thermal power uprate proposals.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Actual & Estimated Filing: Contracts Executed**

[Section (8)(c)]

REDACTED

Schedule AE-8A

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2008

COMPANY: PROGRESS ENERGY - FL

Witness: Daniel L. Roderick

DOCKET NO.: 080009 - EI

Contract No.:

101659 WA 61

Major Task or Tasks Associated With:

Engineering Design & Licensing for Measurement Uncertainty Recapture

Vendor Identity:

AREVA NP

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

Sole Source

Number of Bids Received:

N/A

Brief Description of Selection Process:

OEM

Dollar Value:

Contract Status:

Issued

Term Begin:

Term End:

Nature and Scope of Work:

Contractor shall provide engineering, design and licensing for the Measurement Uncertainty Recapture (MUR) project. The awarded Work shall be performed at Owner's, Crystal River Nuclear Plant, located near Crystal River, Florida and shall consist of the following unique work scopes/deliverables. 1.0 December Submittals – These will be completed under AREVA's QA Program and are Non-Safety. 1) 12/07/06 Transmit NSSS I&C System Reviews to CR3 2) 12/08/06 Transmit HVAC System Reviews to CR3 3) 12/19/06 Transmit BOP Elect System Reviews to CR3 4) 12/22/06 Transmit NSSS Fluid System Reviews to CR3 5) 12/29/06 Transmit BOP Fluid System Reviews to CR3 2.0 License Amendment Request - Draft Submittal to CR3 for the MUR The draft license amendment request (LAR) is a AREVA NP 51-document summarizing the license evaluations performed by AREVA NP and CR3 to meet the NRC regulatory information summary (RIS) 2002-003, Guidance on the Content of Measurement Uncertainty Recapture Power Uprate Applications. The draft license amendment request will be completed under AREVA's QA Program and is Safety-Related.

The deliverables to CR3 that are input to this summary document include: AREVA NP 32-document, New Operating Conditions for the CR3 MUR AREVA's QA Program/Safety-Related AREVA NP 32-document, Heat Balance Uncertainty Calculation for the CR3 MUR AREVA's QA Program/Safety-Related AREVA NP 12-document, Revised PEPSE model for CR3 MUR AREVA's QA Program/Non-Safety AREVA NP 51-document, NSSS Fuel Evaluation AREVA's QA Program/Non-Safety.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Actual & Estimated Filing: Contracts Executed**

[Section (B)(c)]

REDACTED

Schedule AE-8A

FLORIDA PUBLIC SERVICE COMMISSION

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For the Year Ended 12/31/2008

COMPANY: PROGRESS ENERGY - FL

Witness: Daniel L. Roderick

DOCKET NO.: 080009 - EI

Contract No.:

101659 WA 84

Major Task or Tasks Associated With:

EPU NSSS Engineering, Fuel Eng, and LAR Support for CR3

Vendor Identity:

Areva NP, Inc.

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

Sole Source

Number of Bids Received:

N/A

Brief Description of Selection Process:

N/A - OEM

Dollar Value:

Contract Status:

Issued

Term Begin:

Term End:

Nature and Scope of Work:

Contractor agrees to perform the following work more fully described in AREVA Proposal No. NSSSE06-1023.0 Revision 000 dated July 18, 2007 to furnish all engineering personnel and tools, engineering supervision and management, deliverable documents and required transportation necessary to perform the following functions in support of the Extended Power Uprate (EPU) Project Nuclear Steam Supply (NSSS) Portion for Crystal River Three (CR-3) Nuclear Power Station: Nuclear Steam Supply System (NSSS) Engineering, Fuel Engineering, Support of the Licensing Amendment Request (LAR).

This work is Nuclear Safety Related.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Actual & Estimated Filing: Contracts Executed

{Section (B)(c)}

Schedule AE-8A

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FLORIDA PUBLIC SERVICE COMMISSION

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COMPANY: PROGRESS ENERGY - FL

For the Year Ended 12/31/2008

DOCKET NO.: 080009 - EI

Witness: Daniel L. Roderick

Contract No.:

342253

Major Task or Tasks Associated With:

Purchase of 4 MSR's

Vendor Identity:

Thermal Engineering International (TEI)

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

2

Number of Bids Received:

2

Brief Description of Selection Process:

Bid was lower than the competing bidder

Dollar Value:

[REDACTED]

Contract Status:

Issued

Term Begin:

[REDACTED]

Term End:

[REDACTED]

Nature and Scope of Work:

Thermal Engineering International (TEI) is to provide four (4) moisture separator reheaters (MSR's) for Crystal River Unit #3 (CR3) that when combined with other power uprate modifications serve to maximize the uprated turbine steam cycle conditions. The replacement MSR's shall be designed and fabricated with full consideration for maintaining the existing plant piping configuration including the turbine cross under and cross over piping. MSR's are to contribute to the rated generator MVA capability that will have a minimum performance capability of 1080 MWe real power output while concurrently providing 430 MVAR reactive power.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Actual & Estimated Filing: Contracts Executed

Schedule AE-8A

[Section (8)(c)]

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FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.: 080009 - EI

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2008

Witness: Daniel L. Roderick

Contract No.:

101659-93

Major Task or Tasks Associated With:

EPU, BOP

Vendor Identity:

Areva NP

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

5

Number of Bids Received:

3

Brief Description of Selection Process:

Areva has proven performance on MUR and NSSS with a stronger interface with vendors; teamed with original A/E for BOP at CR3; Areva is the best vendor from a technical perspective and on average equal cost with opportunity to earn higher royalties.

Dollar Value:

[REDACTED]

Contract Status:

Issued

Term Begin:

[REDACTED]

Term End:

[REDACTED]

Nature and Scope of Work:

Contractor shall provide Engineering Services for CR3 Secondary Systems Uprate to support the Extended Power Uprate Project. Engineering Services shall be in accordance with Request for Proposal No. KS12007 and "Extended Power Uprate Bid Specification", dated June 25, 2007.

Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Actual & Estimated Filing: Contracts Executed

[Section (8)(c)]

REDACTED

Schedule AE-8A

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2008

COMPANY: PROGRESS ENERGY - FL

Witness: Daniel L. Roderick

DOCKET NO.: 080009 - EI

Contract No.:

Master 3714, Amdt 53, and Amd 57 to add funds

Major Task or Tasks Associated With:

LEFM install

Vendor Identity:

Atlantic Group

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

Sole Source

Number of Bids Received:

N/A

Brief Description of Selection Process:

Work awarded under fleet contract that was competitively bid.

Dollar Value:

Contract Status:

Issued

Term Begin:

Term End:

Nature and Scope of Work:

LEFM Installation at CR3

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Actual & Estimated Filing: Contracts Executed**

[Section (8)(c)]

Schedule AE-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2008

COMPANY: PROGRESS ENERGY - FL

Witness: Daniel L. Roderick

DOCKET NO.: 080009 - EI

Contract No.:

145569 WA 50

Major Task or Tasks Associated With:

CR3 turbine retrofit for EPU including supply of all equipment and installation

Vendor Identity:

Siemens

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

4

Number of Bids Received:

2

Brief Description of Selection Process:

Total cost lower than competing bidder. Siemens adds value by bundling all componenets and services.

Dollar Value:

[REDACTED]

Contract Status:

Issued

Term Begin:

[REDACTED]

Term End:

[REDACTED]

Nature and Scope of Work:

Contractor to provide all materials, equipment, and tools to supply and install High pressure Turbine Rotors, Low Pressure Turbine Rotors, Generator, and Exciter at Crystal River Unit #3 as more fully described in Attachment A - Scope of Work (attached hereto) and as set forth in the Contractor's offer (Proposal Number TA02-280) dated April 16, 2007, the Proposal Revision e-mail TA02-280-1 dated May 18, 2007, Mr Puneet Bahl's Installation Clarification e-mail and its Attachment dated June 4, 2007 and the terms and conditions of the Master Contract # 145569.

This work is non-safety related.

**Crystal River Unit 3 Uprate
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Actual & Estimated Filing: Contracts Executed**

[Section (8)(c)]

Schedule AE-8A

REDACTED

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2008

COMPANY: PROGRESS ENERGY - FL

Witness: Daniel L. Roderick

DOCKET NO.: 080009 - EI

Contract No.:

355217

Major Task or Tasks Associated With:

Purchase of Feedwater Heater and SC Cooler Replacement at CR3.

Vendor Identity:

Yuba Heat Transfer Div.

Vendor Affiliation (specify 'direct' or 'indirect'):

Direct

Number of Vendors Solicited:

2

Number of Bids Received:

2

Brief Description of Selection Process:

Bid was lower than the competing bidder and Yuba is technically and commercially the best supplier of the equipment.

Dollar Value:

Contract Status:

Issued

Term Begin:

Term End:

Nature and Scope of Work:

Supplier of Feedwater Heater and SC Cooler Replacement at CR3.

DOCKET 080009-EI
In re: Nuclear Power Plant Cost Recovery Clause

CONFIDENTIAL EXHIBIT DLR-1

Crystal River Unit 3

Extended Power Uprate

Integrated Project Plan

MASTER NUMBER: 20058849

Sponsoring Business Unit:	Nuclear Projects and Construction
Funding Legal Entity:	Progress Energy Florida
Date Prepared:	January 29, 2008

Treasury Control No.	20061181
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Key Project Contacts:

Role, Department / Group	Name	Phone No.
Sponsor, VP - NPC	Danny Roderick	240-4800
Major Projects Manager, EPU	Steve Huntington	240-4752
EPU Engineering Superintendent,	Ted Williams	240-4356
EPU Implementation Superintendent	TBD	
Regulatory	Dave Varner	240-4983
Project Financial Controls	Terry Hobbs	240-4746

Plan Revision Control

Rev No.	Primary Author(s)	Revision Description	Rev Date
0	Ted Williams	Initial publication	3/18/2008
0	Mark Hickman	Initial Publication	3/18/2008

The following is required to be updated for significant revisions that impact any project cost +/- 5% for:

- Project cost
- Approved funding (to date)
- Annual budget

Or Schedule changes that impact the resource plan

Review & Approval

This section contains formal sign-offs for both review & approval of the IPP. "Reviewing" applies to any party reviewing the IPP for accuracy & clarity, while "Approving" applies to those parties responsible for approving project milestone progression & funding.

Reviewing Party	Reviewing Position	Rev Reviewed	Signature	Date
T. Williams	Engineering Superintendant, EPU			00/00/00
D. Varner	Manager, Major Projects Support			
T. Hobbs	Manager, Major Projects Project Controls			
J. Terry	SGR Project Manager			
S. Huntington	Manager, Major Projects - EPU			
J. Franke	Director Site Operations CR3			
B. Cumbie	Crystal River Plant Manager- Fossil			
D. Roderick	VP, Nuclear Projects & Construction			

Approving Party	Approving Position	Rev Approved	Signature	Date
Tom Sullivan	VP, Treasurer & CRO			00/00/00
Jeff Corbett	Sr. VP Energy Delivery Carolinas			
Michael Lewis	Sr. VP Energy Delivery Florida			
Jeff Lyash	President and CEO, PGN Florida			
Lloyd Yeats	President & CEO PGN Carolinas			
John McArthur	Sr. VP Corporate Relations & General Counsel			
Mark Mulhern	Sr. VP Finance			
Paula Sims	Sr. VP Power			

Extended Power Uprate
MASTER NUMBER: 20058849

Jim Scarola	Sr. VP & CNO			
Peter Scott	President & CEO Service Co., CFO PGN			
William Johnson	Chairman, CEO, and President PGN			

AGENDA

- 1.0 Project Overview / Recommendation
- 2.0 Scope Statement
- 3.0 Major Deliverables & Milestone Schedule
- 4.0 Funding Requirements & Update
- 5.0 Economic Evaluation
- 6.0 Assumptions & Constraints
 - 6.1 Risk Strategy
 - 6.2 Contracting & Procurement Strategy
 - 6.3 Regulatory Strategy
 - 6.4 Quality Plan
 - 6.5 Safety Plan
 - 6.6 Environmental Plan
- 7.0 External Stakeholders
- 8.0 Internal Stakeholders
- 9.0 Project Assurance Plan
- 10.0 Communication Plan / Next Steps

APPENDIX:

Definitions & Acronyms

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Nuclear Power Plant Cost
Recovery Clause

Docket No. 080009-EI

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

EXHIBIT DLR-1
PAGES BEARING BATES NOS. PEF-NRC-004476
THROUGH PEF-NRC-04880
ARE REDACTED IN THEIR ENTIRETY