

Matthew R. Bernier SENIOR COUNSEL Duke Energy Florida, LLC

April 19, 2016

#### VIA ELECTRONIC DELIVERY

Ms. Carlotta Stauffer, Commission Clerk Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

Re: Nuclear Cost Recovery Clause; Docket No. 160009-EI

Ms. Stauffer:

Please find enclosed for electronic filing on behalf of Duke Energy Florida, LLC ("DEF"), DEF's First Request for Extension of Confidential Classification concerning portions of information contained in Staff's 2011 Audit workpapers, *Audit Control No. PA-11-01-001* (document no. 04540-11) filed in Docket No. 110009-El on July 1, 2011.

Portions of the documents submitted with the original July 1, 2011 Request for Confidential Classification are no longer confidential. Therefore, revised exhibits are provided as noted below.

#### This filing includes:

- Revised Exhibit A (confidential slipsheet only)
- Revised Exhibit B (two copies of redacted information)
- Revised Exhibit C (justification matrix)
- Revised Exhibit D (Affidavit of Mark R. Teague)

DEF's confidential Revised Exhibit A that accompanies the above-referenced filing, has been submitted under separate cover.

Thank you for your assistance in this matter. If you have any questions, please feel free to contact me at (850) 521-1428.

Sincerely,

/s/ Matthew R. Bernier Matthew R. Bernier

MRB:at Attachments

#### BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

\_\_\_\_

In Re: Nuclear Cost Recovery Clause Docket No. 160009-EI

Submitted for Filing: April 19, 2016

#### DUKE ENERGY FLORIDA'S FIRST REQUEST FOR EXTENSION OF CONFIDENTIAL CLASSIFICATION

Duke Energy Florida, LLC ("DEF" or the "Company"), pursuant to Section 366.093, Florida Statutes ("F.S."), and Rule 25-22.006, Florida Administrative Code ("F.A.C."), hereby submits this First Request for Extension of Confidential Classification ("Request") concerning portions of the documents and information provided to the Florida Public Service Commission Staff's ("Staff") Auditors, the Review of Progress Energy Florida, Inc.'s project Management Internal Controls for nuclear Plant Uprate and Construction Project Audit Work Papers (the "Work Papers"). submitted in Docket No. 110009-EI on July 1, 2011. In support of this Request, DEF¹ states as follows:

- 1. On July 1, 2011, DEF filed its Eleventh Request for Confidential Classification concerning certain information contained in portions of the documents and information provided to Staff in response to Staff's review, *Audit Control No. PA-11-01-001* (document number 04540-11), which contains sensitive business information as it contains confidential proprietary business information.
- 2. The Commission granted DEF's Eleventh Request for Confidential Classification concerning the Audit work papers in Order No. PSC-14-0618-CFO-EI, dated October 27, 2014. The period of confidential treatment granted by that order will expire on April 25, 2016. The

<sup>&</sup>lt;sup>1</sup> The confidential information at issue was provided to the Commission by DEF's predecessor, Progress Energy Florida, Inc. ("PEF").

information continues to warrant treatment as "proprietary confidential business information" within the meaning of Section 366.093(3), F.S. Accordingly, DEF is filing its First Request for Extension of Confidential Classification.

- 3. DEF submits that certain information contained in portions of the documents and information provided in response to Staff's review of *Audit Control No. PA-11-01-001*, submitted as Appendix A to the July 11, 2011 Request continue to be "proprietary confidential business information" within the meaning of section 366.093(3), F.S. and continue to require confidential classification. *See* Affidavit of Mark Teague at ¶¶ 3-4, attached as Revised Exhibit "D". This information is intended to be and is treated as confidential by the Company. The information has not been disclosed to the public. Pursuant to section 366.093(1), F.S., such materials are entitled to confidential treatment and are exempt from the disclosure provisions of the Public Records Act. *See* Affidavit of Mark Teague ¶ 5.
- 4. Some of the documents originally submitted in DEF's Eleventh Request for Confidential Classification are no longer confidential and therefore, DEF submits revised exhibits along with this Request. Otherwise, nothing has changed since the issuance of Order No. PSC-14-0618-CFO-EI to render the information stale or public such that continued confidential treatment would not be appropriate. Upon a finding by the Commission that this information continues to be "proprietary confidential business information," it should continue to be treated as such for an additional period of at least 18 months, and should be returned to DEF as soon as the information is no longer necessary for the Commission to conduct its business. See \$366.093(4), F.S.

WHEREFORE, for the foregoing reasons, DEF respectfully requests that this First Request for Extension of Confidential Classification be granted.

#### Respectfully submitted this 19<sup>th</sup> day of April, 2016,

/s/ Matthew R. Bernier

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Tallahassee, Florida 32301 Telephone: (850) 521-1428 Facsimile: (727) 820-5041

Email: matthew.bernier@duke-energy.com

#### **CERTIFICATE OF SERVICE**

I HEREBY CERTIFY a true and correct copy of the foregoing has been furnished via electronic mail to the following this 19<sup>th</sup> day of April, 2016.

/s/ Matthew R. Bernier
Attorney

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### Revised Exhibit A

### "CONFIDENTIAL"

## Revised Exhibit B (copy #1)

## Performance Analysis Section 2011 Work Plan Progress Energy-Florida's LNP Construction / Crystal River Unit 3 Uprate

#### REDACTED

Task	Subtask	Auditor Notes	Conclusions
Determine whether current contractor cost management controls are effective	Perform a sample analysis of scope changes, work authorizations and related invoices to determine proper approvals have been obtained and that contractor is not being paid for corrective rework or work outside of approved scope.	The controls in place for contractor cost management have not changed since the last NCRC review. Audit staff sampled contractor and vendor invoices from 2010 to ensure compliance with company processes and procedures. Audit staff did not identify any issues with these invoices	
	2.6 Follow-up Issues to 10009-EI Docket		· · · · · · · · · · · · · · · · · · ·
Determine if poor project management oversight lead to additional LAR expenditures during 2009 and 2010.	Review the itemized payments for the Areva WA 84 to determine actual costs associated with the re-write activities Review the Project Management costs associated with the LAR to determine the additional resources allocated for the project	Audit staff conducted interviews with LAR staff and expert panel member to assess the management oversight during the LAR review process. Additionally, the company provided personnel performance records for the LAR team. After further analysis, Audit staff determined that the poor management oversight lead to deficiencies in the LAR preparation. These	The for WA 84 co 23 was a result of rework created by poor management oversight.

	The majority of remaining long lead ites for ph 3 were procured during the first half of 2010.
	Contracts were secured for long lead items including bu not limited to the following:
	Main feedwater pump Feedwater booster pumgs
	· · · · · · · · · · · · · · · · · · ·
	Condensation pump and moter
REDACTED	Atmospheric dump valuves
	Feed water heat exchangers.
·	The Inadequate Core Cooling Instrumentation project is still out. The seelcted contractor will be required to
	provided the oversight and personnel for umplementation of design package. This is currently in the rfp state
	and anticipated to be complete in 2011.
	Conclusions:
	Data Request(s) Generated:
	No Description:
	No. Description:
	Follow-up Required:
Document #: 19	Document Title and Purpose of Review: Please describe the company's final decision involving the
Date Requested:	replacement of the low pressure turbines and its impact on the project cost and schedule and update the status
Date Received:	of the installation timeline
Comments: (i.e., Confidential)	Summary of Contents: The company amended WA for the Siemens conract, the contract is higher
	than the original contract, but the company states that this is for additional scope. This was outside the scope
	of the original contract and provided additional benefits to the company and its customer.
	Conclusions:
	Data Request(s) Generated:
	No Description:
	No Description:
	Follow-up Required: Review the two contracts
Document #: 20	Document Title and Purpose of Review: Please provide all documentation to show that the company was
Date Requested:	adequately compensated for the costs associated with the low pressure turbine manufacturing issue
Date Received:	Summary of Contents: the company states no additional associated with the LPT manufacuting issues.
Comments: (i.e., Confidential)	Siemens agreed to correct this at no extrac costs (contract 145569 am 7)
>/	Conclusions:
	Data Request(s) Generated:
	No Description:
	No. Description:
	Follow-up Required:

	Follow-up Required:
Document #: 4 Date Requested: Date Received: Comments: (i.e., Confidential)	<b>Document Title and Purpose of Review:</b> Please provide an itemized description of the "additional that was outside the scope of the original contract and provides additional benefits to the company and its customers." (bates 11-PMA-DR1CR3-RESPONSE-000027, second paragraph). For each addition, provide the justification for the additional scope and management's assessment on whether the work is/is not a direct or indirect result of the September 2008 and April 2009 events. In addition, please detail any concessions made by the vendor for these costs.
REDACTED	Summary of Contents: The company provided the breakdown of additional benefits to the company and customers, including concession amounts made by Siemens:
	There was some specific cost breakdown and cost benefit/analysis performed for each new LPT work scope item PEF received as a result of PEF's negotiations with Siemens to resolve the dispute between them regarding the contract for the manufacture and installation of the CR3 LPTs. Generally, however, the entire work scope, and any resulting benefits and costs, were negotiated holistically and reflected in the settlement in the Letter of Intent (previously produced at 11PMA-DR1CR3-19-000001—000004) that resolved this dispute. The settlement resolved the outstanding dispute between PEF and Siemens associated with the incident at the DC Cook Nuclear Plant with a Siemens 18M2 LPT in September 2008, and the subsequent failed bunker spin test in April 2009 of the 18M2 LPTs being manufactured for PEF. The dispute was, generally, related to (1) PEF's position that the installation of the LPTs at CR3 needed to be delayed until PEF had sufficient time to conduct any necessary due diligence and until such time as PEF received adequate assurances from Siemens to move forward with the installation of the CR3 LPTs and could adequately obtain insurance coverage for the
en e	LPTs, and (2)

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produced in Bat September 2008	es range 11PMA 3 event. There v	d in Attachment H -DR1CR3-24-00023 vere no PE direct c	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve
produced in Bat September 2008	es range 11PMA 3 event. There v	-DR1CR3-24-00023	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve
produced in Bat September 2008	es range 11PMA 3 event. There v	-DR1CR3-24-00023 vere no PE direct o	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve
produced in Bat September 2008	es range 11PMA 3 event. There v	-DR1CR3-24-00023 vere no PE direct o	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve
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September 2008 Siemens made  Conclusions:  Data Request(s	es range 11PMA  B event. There v numerous conce  Generated:	-DR1CR3-24-00023 vere no PE direct o	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve
produced in Bat September 2008 Siemens made Conclusions:	es range 11PMA B event. There venumerous conce  Generated: cription:	-DR1CR3-24-00023 vere no PE direct o	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve

Division of Regulatory Compliance
Bureau of Performance Analysis
I:\PERFORMANCE ANALYSIS SECTION\00 PERFORMANCE ANALYSIS AUDITS\\Nuclear Controls Review 2011\\PEF\\Documents\\Data Request Summaries\\DR2 EPU Summary.doc

Document #: 5	Document Title and Purpose of Review: For any additional contract costs not included in response to
Date Requested:	question 4, please an itemized description and justification for the additional scope and management's
Date Received:	assessment on whether the work is/is not a direct or indirect result of the September 2008 and April 2009
Comments: (i.e., Confidential)	events. In addition, please detail any concessions made by the vendor for these costs
	Summary of Contents:
	PEF states: As stated in the restated contract, PEF will store the removed LP Turbine components for a
	minimum of two fuel cycles. This is an indirect result of the September 2008 event. The costs for storing the
	removed LP turbine components are not stated in the contract. The storage plan is in development and the
	Company's has not completed a detailed estimate to date, but has budgeted roughly
	This cost is reasonable and necessary to mitigate the impact should
	a major in service failure of the new LP turbines occur. While a major in service failure is not predicted,
	prudent measures will limit the necessary time to restore the plant, reducing lost
MINION A COPPORT	nuclear generation for PEF customers. PEF will incur a cost (approximately to support the
REDACTED	installation of new LP turbine monitoring systems provided by Siemens and to install a generator fault
	recorder. This cost is an indirect result of the September 2008 event. This cost is reasonable and necessary to
	ensure complete monitoring of all turbine generator operating parameters that affect L-0 blade stress.
	Conclusions:
	Data Request(s) Generated:
	No Description:
	No Description:
	Follow-up Required:
Document #: 6	Document Title and Purpose of Review: Please provide documentation verifying that PEC did not benefit
Date Requested:	from the Levy contract settlement in its final Robinson settlement for the similarly-contracted LPTs
Date Received:	Summary of Contents:
Comments: (i.e., Confidential)	The contract amendments with Siemens for LP Turbines at CR3 and Robinson Nuclear Plant (RNP) are
	separate and distinct, with each settlement standing on its own merit. There was no benefit to PEC for any
	agreed PEF work or payment. Likewise, there was no reverse benefit to PEF for any agreed PEC work or
	payment. Additionally, there was no cost or charge to the Florida Utility or PEF ratepayers for any costs
	associated with the PEC settlement. Both the settlement for PEF and the settlement for PEC were agreed to by
	separate Letters of Intent (LOI) with different corresponding conditions specific to each jurisdiction as
	summarized below. See documents previously produced in Bates range 11PMA-DR1CR3-19-000001-
	0000004. For PEF, the settlement was agreed to relative to the full scope of work PEF has contracted with

# Bureau of Performance Analysis Interview Summary Company: Progress Energy FL Area: CR3 EPU Area: CR3 EPU Auditor(s): Coston and Carpenter Name: Paul Ingersoll, Ted Williams, Kenneth Wilson, Dave Porter Date of Interview: April 6, 2011 Location: CR Complex Telephone Number:

(1) Purpose of Interview: Discuss the status of the Crystal River 3 Extended Power Uprate

#### (2) Interview Summary:

Reviewed a PowerPoint presentation on the additional scope of the Phase III portion of the uprate. Company will provide a copy of this presentation.

Project is within policies and procedures and remains in compliance.

Phase III is the biggest project to obtain the required uprate.

In 2010, looked at detailed engineering to development and purchase/construction. Phase III is bigger and more complex than previous phases. Completed in radioactive areas and in specialized areas within plant.

Engineering has ramped-up in this phase to finalize the development of scope. EC packages and specifications on the LLE and procurement. Such as:

Feed Water heaters A/B (coming in July)

High Pressure Turbine

Condensation Motors (NOV)

LPT (FEB)

Feed Water Booster Pump (Aug)

Condensation Pumps (Oct)

The dearnination work continued in 2010 from R16 which limited the team from testing the R16 installations.

Current Schedule (with a April 2013 R-17 outage):

In Oct 2011 start T18 Readiness Review to identify gags in plan. Plans in place at T-19 to ensure each component has a project plan with project manager oversight.

Construction Contract by mid-summer.

Engineering plans are due Dec 2010. As the ECs are developed, we start workorders.

The second delam is unknown, until the company identifies the new schedule path, the EPU should not work overtime, limit all expenditures and services, limit contract issuance.

Did sign the contract fro fast cooldown system. Required for LAR support and submittal.

Based on current April 2013 outage schedule (which requires a nid-2011 start-up)—not feasible at this point—

In January 2012 (T-15)

In Feb-mobilize construction contractor, put in place in summer and set-up contract parameters.



- T-13 (March 2012) all EC complete, all plans have outage schedule requirements
- T-12 Readiness Review #2
- T-10 Workorder review
- T-6 Readiness Review

Contractors will work with pre-established work stages.

In of 2012, work order packages will be reviewed with the construction team for constructability review. Also, validate resource requirements (impact to schedule and costs)

#### Outage in 2013:

January 2013-all material is due.

Critical path will be the high pressure and low pressure turbines.

Outage schedule for 50 days

#### IPP-

2<sup>nd</sup> delam has delayed the official IPP

In phase III, a general contractor will be responsible for all scope of work and all sub-contractors.

#### Management:

Terry Hobbs moved to NOS manager of PEC plant, Gene Flavors moves into project controls role.

#### Delam # 2

Event took place March 14<sup>th</sup>. at 110 of 112 retention. Acoustic monitors did not detect issue, as anticipated. When the alarm sounded, the event already occurred. This was in a separate area from the original delam. The company hired Bechtel to assess the event. Senior management will make recommendation. Until then, the EPU project will stay on its current Corse.

#### Cost Estimates:

At the original budget formation, design for phase III was conceptual to 5 %, as of April @ 50-60% for this, the contingency is 10-20%

Current contingency is 12% with the 50-60%. 2008 feasibility study.

Review PMC-0005 for the Association of advancement cost engineering for reference.

New IPP draft reflects the most recent numbers

#### LPT update:

Technical requirements make up build of difference in budget. Company looked at a root cause strategy to mitigate and determine course of action. New scope is aprx, and the company received

. Final additional amount is

Contract accepted on August 3,

2010.

#### The LAR:

The revised LAR contained more detail on engineering, not just a summary

Increased design and additional technical details 30-50 conceptual designed. Included additional NRC expectations on content. Larger focus on the Balance of Plant piping

REDACTED

New format required a new template Current new timeline will be June 2011—depending on the fall-out from the recent delamination. Expenses thus far: \$17,520,137 non-lic engineering, \$67,970 travel, training, etc., \$455,525 PE company labor Point of discharge towers Put construction of cooling tower on hold, due to emerging environmental regulation—316A/B The resolution should come in August of this year and company will evaluate the options. Company is reviewing its overall corporate strategies. If necessary, construction will still continue on time. Contract in place and fabrications are in. Permits are in place and the initial grading is complete. is spent, with committed. Phase III scope of work will be performed by a general contractor. (3) Conclusions: (4) Date Request(s) Generated: No. \_\_\_\_ No. \_\_\_\_ No. (5) Follow-up Required:

Project Manager

	REDACTED
Bureau of Perfo	rmance Analysis
Interview	Summary
Company: Progress Energy FL	Interview Number: 3
Area: CR3 EPU	File Name: EPU Interview 3.doc
Auditor(s): Coston and Carpenter	
Name: Dan Westcott	Date of Interview: April 18, 2011
	Location: Carton Fields Tallahassee Office
(1) Purpose of Interviews Discuss the status of the Course	Telephone Number:
(1) Purpose of Interview: Discuss the status of the Crys	star River 3 Extended Power Oprate LAR application
(2) Interview Summary:	
30years experience with NSSSW vendors and Westingh CR3. handled LIC issues at the station.  In spring 2009 Nuclear Oversight section had some conceptoblems with schedule.  Temp re-assigned as the Superintendent of LIC of major Early on in project Brian McCabe and Kenneth Wilson versight place to assess the draft. Felt still had time to do a throut September 2009 schedule.  Determined the EPU would be made of folks with strong engineering analysis and experience.  McCabe reviewed the LAR in March, does not recall material members of the panel had concerns about the NRC residues.	cerns about EPU schedule and audit highlighted reprojects. This included Steam Gen/EPU/Spent fuel were involved in project. The Expert Panel was put in agh assessment in March and still met the, then, g LIC experience. Two PEC employees with a lot of ajor concerns over content.
Adverse Conditions: Mr. McCabe was through and spot-on. Embraced recom After report the establishment of a good Project Manage meeting for monitor progress: Schedule Meeting (Mond Details (Fridays)	ment Organization. Also established discipline set of
Able to grab a larger cross-section of the company and re Original LAR staff was relatively inexperienced. Ken Wootions. Spent most of time reviewing AREVA section. Ken Wilson is very knowledgeable and has large LIC exbe reactive. Ken is overly optimistic at times.	Vilson tried to hire experienced people, but limited
(3) Conclusions:	
(4) Date Request(s) Generated:  No  No  No  No  (5) Follow up Paguired:	
(5) Follow-up Required:	

Bureau of Perfo	rmance Analysis
	Summary
Company: Progress Energy FL Area: CR3 EPU Auditor(s): Coston and Carpenter	Interview Number: 4 File Name: EPU Interview 4.doc
Name: Paul Ingersoll Ted Williams Contract Staff (1) Purpose of Interview: Discuss the status of the Cryst	Date of Interview: June 1, 2011 Location: Teleconference Telephone Number:
(2) Interview Summary: Siemens Contract	pussions with the potential Insurance provider. Initially, PEF was not involved with the final urance providers), but based on the initial discussion,
The additional warranty figure was developed using the most comparable option to evaluate. The company took cost for the requested 8 year coverage period.	cost of 8 months of coverage for the $13m^2$ . This is the the cost for the 8 month coverage and calculated the
The Engineering enhancements were calculated using in	dustry knowledge and previous contract experience.
Estimate Vs Actual Due to the R16 extended outage, the company has spent original budget. This was not a large amount and the co these areas. These costs are a result of delays in the rest The company also shifted some LPT costs from 2010 to item at year end. IF the 2 <sup>nd</sup> Delam impact schedule, the the Phase III work.	impany does not anticipate additional expenditures in art.  2011; this will show an increase over estimates for this
The Schedule Performance Indicators for FQ 2011 show baseline schedules are difficult to estimate. It is difficult projects. Corporate is working to develop new procedure estimates.	t to determine the engineering man hours for these
PM uses the SPI for gross estimates. The level two sche project.  Two major projects drove the drop in overall SPI—the FPump.  A NCR assessment was completed in April 2011 to asses that the schedule is being monitored and addressing any	Emergency Feedwater Pump and the Main Feedwater ss the delays. Project Team states that it has confidence
(3) Conclusions:	
(4) Date Request(s) Generated: No No.	

Bureau of Perfo	rmance Analysis
Finding	<del>-</del>
Company: Progress Energy Florida Area: Crystal River 3 - EPU Auditor(s): Coston/Carpenter	Item No: CR3-3 File Name: CR3 Issue 2.doc WLC#:
(1) Issue (Is there a point of discussion, debate or dispute?)	
The company's original LAR application did not meet i	ts standards for completeness
(2) Condition (What is happening?)	
A review by an expert panel and an internal root cause a meet the expectations of the NRC. Audit staff interview detail was omitted from the original LAR application.	assessment determined that the original LAR did not wed members of the panel and determined that technical
(3) Standard/Criteria (How is it supposed to work?) The company used the Ginna application as its standard However, the initial application did not incorporate kno application	
(4) Cause (What has happened or could happen due to variance between 2 & Poor management and lack of oversight was a leading of that the company allowed AREVA to produce a less technique.	ause. Additionally, the Expert Panel member stated
(5) Effect (What has happened or could happen due to variance between 2&3 The company initiated a new WA to the AREVA contra contract was for	
(6) Recommendation (What action steps will correct this problem?)	

Revised
Exhibit B
(copy #2)

## Performance Analysis Section 2011 Work Plan Progress Energy-Florida's LNP Construction / Crystal River Unit 3 Uprate

#### REDACTED

Task	Subtask	Auditor Notes	Conclusions
Determine whether current contractor cost management controls are effective	Perform a sample analysis of scope changes, work authorizations and related invoices to determine proper approvals have been obtained and that contractor is not being paid for corrective rework or work outside of approved scope.	The controls in place for contractor cost management have not changed since the last NCRC review. Audit staff sampled contractor and vendor invoices from 2010 to ensure compliance with company processes and procedures. Audit staff did not identify any issues with these invoices	
	2.6 Follow-up Issues to 10009-EI Docket		· · · · · · · · · · · · · · · · · · ·
Determine if poor project management oversight lead to additional LAR expenditures during 2009 and 2010.	Review the itemized payments for the Areva WA 84 to determine actual costs associated with the re-write activities Review the Project Management costs associated with the LAR to determine the additional resources allocated for the project	Audit staff conducted interviews with LAR staff and expert panel member to assess the management oversight during the LAR review process. Additionally, the company provided personnel performance records for the LAR team. After further analysis, Audit staff determined that the poor management oversight lead to deficiencies in the LAR preparation. These	The for WA 84 co 23 was a result of rework created by poor management oversight.

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	Contracts were secured for long lead items including bu not limited to the following:
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·	The Inadequate Core Cooling Instrumentation project is still out. The seelcted contractor will be required to
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	and anticipated to be complete in 2011.
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Date Requested:	replacement of the low pressure turbines and its impact on the project cost and schedule and update the status
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	of the original contract and provided additional benefits to the company and its customer.
	Conclusions:
	Data Request(s) Generated:
	No Description:
	No Description:
	Follow-up Required: Review the two contracts
Document #: 20	Document Title and Purpose of Review: Please provide all documentation to show that the company was
Date Requested:	adequately compensated for the costs associated with the low pressure turbine manufacturing issue
Date Received:	Summary of Contents: the company states no additional associated with the LPT manufacuting issues.
Comments: (i.e., Confidential)	Siemens agreed to correct this at no extrac costs (contract 145569 am 7)
>/	Conclusions:
	Data Request(s) Generated:
	No Description:
	No. Description:
	Follow-up Required:

	Follow-up Required:
Document #: 4 Date Requested: Date Received: Comments: (i.e., Confidential)	<b>Document Title and Purpose of Review:</b> Please provide an itemized description of the "additional that was outside the scope of the original contract and provides additional benefits to the company and its customers." (bates 11-PMA-DR1CR3-RESPONSE-000027, second paragraph). For each addition, provide the justification for the additional scope and management's assessment on whether the work is/is not a direct or indirect result of the September 2008 and April 2009 events. In addition, please detail any concessions made by the vendor for these costs.
REDACTED	Summary of Contents: The company provided the breakdown of additional benefits to the company and customers, including concession amounts made by Siemens:
	There was some specific cost breakdown and cost benefit/analysis performed for each new LPT work scope item PEF received as a result of PEF's negotiations with Siemens to resolve the dispute between them regarding the contract for the manufacture and installation of the CR3 LPTs. Generally, however, the entire work scope, and any resulting benefits and costs, were negotiated holistically and reflected in the settlement in the Letter of Intent (previously produced at 11PMA-DR1CR3-19-000001—000004) that resolved this dispute. The settlement resolved the outstanding dispute between PEF and Siemens associated with the incident at the DC Cook Nuclear Plant with a Siemens 18M2 LPT in September 2008, and the subsequent failed bunker spin test in April 2009 of the 18M2 LPTs being manufactured for PEF. The dispute was, generally, related to (1) PEF's position that the installation of the LPTs at CR3 needed to be delayed until PEF had sufficient time to conduct any necessary due diligence and until such time as PEF received adequate assurances from Siemens to move forward with the installation of the CR3 LPTs and could adequately obtain insurance coverage for the
en e	LPTs, and (2)

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produced in Bat September 2008	es range 11PMA 3 event. There v	d in Attachment H -DR1CR3-24-00023 vere no PE direct c	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve
produced in Bat September 2008	es range 11PMA 3 event. There v	-DR1CR3-24-00023	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve
produced in Bat September 2008	es range 11PMA 3 event. There v	-DR1CR3-24-00023 vere no PE direct o	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve
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produced in Bat September 2008	es range 11PMA 3 event. There v	-DR1CR3-24-00023 vere no PE direct o	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve
produced in Bat September 2008	es range 11PMA 3 event. There v	-DR1CR3-24-00023 vere no PE direct o	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve
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produced in Bat September 2008	es range 11PMA 3 event. There v	-DR1CR3-24-00023 vere no PE direct o	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve
produced in Bat September 2008	es range 11PMA 3 event. There v	-DR1CR3-24-00023 vere no PE direct o	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve
produced in Bat September 2008	es range 11PMA 3 event. There v	-DR1CR3-24-00023 vere no PE direct o	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve
produced in Bat September 2008	es range 11PMA 3 event. There v	-DR1CR3-24-00023 vere no PE direct o	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve
September 2008 Siemens made  Conclusions:  Data Request(s	es range 11PMA  B event. There v numerous conce  Generated:	-DR1CR3-24-00023 vere no PE direct o	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve
produced in Bat September 2008 Siemens made Conclusions:	es range 11PMA B event. There venumerous conce  Generated: cription:	-DR1CR3-24-00023 vere no PE direct o	33 000296. The or indirect scope	additional scor	oe is a direct to the April	t result of t 2009 eve

Division of Regulatory Compliance
Bureau of Performance Analysis
I:\PERFORMANCE ANALYSIS SECTION\00 PERFORMANCE ANALYSIS AUDITS\\Nuclear Controls Review 2011\\PEF\\Documents\\Data Request Summaries\\DR2 EPU Summary.doc

Document #: 5	Document Title and Purpose of Review: For any additional contract costs not included in response to
Date Requested:	question 4, please an itemized description and justification for the additional scope and management's
Date Received:	assessment on whether the work is/is not a direct or indirect result of the September 2008 and April 2009
Comments: (i.e., Confidential)	events. In addition, please detail any concessions made by the vendor for these costs
	Summary of Contents:
	PEF states: As stated in the restated contract, PEF will store the removed LP Turbine components for a
	minimum of two fuel cycles. This is an indirect result of the September 2008 event. The costs for storing the
	removed LP turbine components are not stated in the contract. The storage plan is in development and the
	Company's has not completed a detailed estimate to date, but has budgeted roughly
	This cost is reasonable and necessary to mitigate the impact should
	a major in service failure of the new LP turbines occur. While a major in service failure is not predicted,
	prudent measures will limit the necessary time to restore the plant, reducing lost
MINION A COPPORT	nuclear generation for PEF customers. PEF will incur a cost (approximately to support the
REDACTED	installation of new LP turbine monitoring systems provided by Siemens and to install a generator fault
	recorder. This cost is an indirect result of the September 2008 event. This cost is reasonable and necessary to
	ensure complete monitoring of all turbine generator operating parameters that affect L-0 blade stress.
	Conclusions:
	Data Request(s) Generated:
	No Description:
	No Description:
	Follow-up Required:
Document #: 6	Document Title and Purpose of Review: Please provide documentation verifying that PEC did not benefit
Date Requested:	from the Levy contract settlement in its final Robinson settlement for the similarly-contracted LPTs
Date Received:	Summary of Contents:
Comments: (i.e., Confidential)	The contract amendments with Siemens for LP Turbines at CR3 and Robinson Nuclear Plant (RNP) are
	separate and distinct, with each settlement standing on its own merit. There was no benefit to PEC for any
	agreed PEF work or payment. Likewise, there was no reverse benefit to PEF for any agreed PEC work or
	payment. Additionally, there was no cost or charge to the Florida Utility or PEF ratepayers for any costs
	associated with the PEC settlement. Both the settlement for PEF and the settlement for PEC were agreed to by
	separate Letters of Intent (LOI) with different corresponding conditions specific to each jurisdiction as
	summarized below. See documents previously produced in Bates range 11PMA-DR1CR3-19-000001-
	0000004. For PEF, the settlement was agreed to relative to the full scope of work PEF has contracted with

# Bureau of Performance Analysis Interview Summary Company: Progress Energy FL Area: CR3 EPU Area: CR3 EPU Auditor(s): Coston and Carpenter Name: Paul Ingersoll, Ted Williams, Kenneth Wilson, Dave Porter Date of Interview: April 6, 2011 Location: CR Complex Telephone Number:

(1) Purpose of Interview: Discuss the status of the Crystal River 3 Extended Power Uprate

#### (2) Interview Summary:

Reviewed a PowerPoint presentation on the additional scope of the Phase III portion of the uprate. Company will provide a copy of this presentation.

Project is within policies and procedures and remains in compliance.

Phase III is the biggest project to obtain the required uprate.

In 2010, looked at detailed engineering to development and purchase/construction. Phase III is bigger and more complex than previous phases. Completed in radioactive areas and in specialized areas within plant.

Engineering has ramped-up in this phase to finalize the development of scope. EC packages and specifications on the LLE and procurement. Such as:

Feed Water heaters A/B (coming in July)

High Pressure Turbine

Condensation Motors (NOV)

LPT (FEB)

Feed Water Booster Pump (Aug)

Condensation Pumps (Oct)

The dearnination work continued in 2010 from R16 which limited the team from testing the R16 installations.

Current Schedule (with a April 2013 R-17 outage):

In Oct 2011 start T18 Readiness Review to identify gags in plan. Plans in place at T-19 to ensure each component has a project plan with project manager oversight.

Construction Contract by mid-summer.

Engineering plans are due Dec 2010. As the ECs are developed, we start workorders.

The second delam is unknown, until the company identifies the new schedule path, the EPU should not work overtime, limit all expenditures and services, limit contract issuance.

Did sign the contract fro fast cooldown system. Required for LAR support and submittal.

Based on current April 2013 outage schedule (which requires a nid-2011 start-up)—not feasible at this point—

In January 2012 (T-15)

In Feb-mobilize construction contractor, put in place in summer and set-up contract parameters.



- T-13 (March 2012) all EC complete, all plans have outage schedule requirements
- T-12 Readiness Review #2
- T-10 Workorder review
- T-6 Readiness Review

Contractors will work with pre-established work stages.

In of 2012, work order packages will be reviewed with the construction team for constructability review. Also, validate resource requirements (impact to schedule and costs)

#### Outage in 2013:

January 2013-all material is due.

Critical path will be the high pressure and low pressure turbines.

Outage schedule for 50 days

#### IPP-

2<sup>nd</sup> delam has delayed the official IPP

In phase III, a general contractor will be responsible for all scope of work and all sub-contractors.

#### Management:

Terry Hobbs moved to NOS manager of PEC plant, Gene Flavors moves into project controls role.

#### Delam # 2

Event took place March 14<sup>th</sup>. at 110 of 112 retention. Acoustic monitors did not detect issue, as anticipated. When the alarm sounded, the event already occurred. This was in a separate area from the original delam. The company hired Bechtel to assess the event. Senior management will make recommendation. Until then, the EPU project will stay on its current Corse.

#### Cost Estimates:

At the original budget formation, design for phase III was conceptual to 5 %, as of April @ 50-60% for this, the contingency is 10-20%

Current contingency is 12% with the 50-60%. 2008 feasibility study.

Review PMC-0005 for the Association of advancement cost engineering for reference.

New IPP draft reflects the most recent numbers

#### LPT update:

Technical requirements make up build of difference in budget. Company looked at a root cause strategy to mitigate and determine course of action. New scope is aprx, and the company received

. Final additional amount is

Contract accepted on August 3,

2010.

#### The LAR:

The revised LAR contained more detail on engineering, not just a summary

Increased design and additional technical details 30-50 conceptual designed. Included additional NRC expectations on content. Larger focus on the Balance of Plant piping

REDACTED

New format required a new template Current new timeline will be June 2011—depending on the fall-out from the recent delamination. Expenses thus far: \$17,520,137 non-lic engineering, \$67,970 travel, training, etc., \$455,525 PE company labor Point of discharge towers Put construction of cooling tower on hold, due to emerging environmental regulation—316A/B The resolution should come in August of this year and company will evaluate the options. Company is reviewing its overall corporate strategies. If necessary, construction will still continue on time. Contract in place and fabrications are in. Permits are in place and the initial grading is complete. is spent, with committed. Phase III scope of work will be performed by a general contractor. (3) Conclusions: (4) Date Request(s) Generated: No. \_\_\_\_ No. \_\_\_\_ No. (5) Follow-up Required:

Project Manager

	REDACTED			
Bureau of Performance Analysis				
Interview	Summary			
Company: Progress Energy FL	Interview Number: 3			
Area: CR3 EPU	File Name: EPU Interview 3.doc			
Auditor(s): Coston and Carpenter				
Name: Dan Westcott	Date of Interview: April 18, 2011			
	Location: Carton Fields Tallahassee Office			
(1) Purpose of Interviews Discuss the status of the Course	Telephone Number:			
(1) Purpose of Interview: Discuss the status of the Crys	star River 3 Extended Power Oprate LAR application			
(2) Interview Summary:				
30years experience with NSSSW vendors and Westingh CR3. handled LIC issues at the station.  In spring 2009 Nuclear Oversight section had some conceptoblems with schedule.  Temp re-assigned as the Superintendent of LIC of major Early on in project Brian McCabe and Kenneth Wilson versight place to assess the draft. Felt still had time to do a throut September 2009 schedule.  Determined the EPU would be made of folks with strong engineering analysis and experience.  McCabe reviewed the LAR in March, does not recall material members of the panel had concerns about the NRC residues.	cerns about EPU schedule and audit highlighted reprojects. This included Steam Gen/EPU/Spent fuel were involved in project. The Expert Panel was put in agh assessment in March and still met the, then, g LIC experience. Two PEC employees with a lot of ajor concerns over content.			
Adverse Conditions: Mr. McCabe was through and spot-on. Embraced recom After report the establishment of a good Project Manage meeting for monitor progress: Schedule Meeting (Mond Details (Fridays)	ment Organization. Also established discipline set of			
Able to grab a larger cross-section of the company and re Original LAR staff was relatively inexperienced. Ken Wootions. Spent most of time reviewing AREVA section. Ken Wilson is very knowledgeable and has large LIC exbe reactive. Ken is overly optimistic at times.	Vilson tried to hire experienced people, but limited			
(3) Conclusions:				
(4) Date Request(s) Generated:  No  No  No  No  (5) Follow up Paguired:				
(5) Follow-up Required:				

Bureau of Performance Analysis		
Interview Summary		
Company: Progress Energy FL Area: CR3 EPU Auditor(s): Coston and Carpenter  Interview Number: 4 File Name: EPU Interview 4.doc		
Name: Paul Ingersoll Ted Williams Contract Staff (1) Purpose of Interview: Discuss the status of the Cryst	Date of Interview: June 1, 2011 Location: Teleconference Telephone Number:	
(2) Interview Summary: Siemens Contract	pussions with the potential Insurance provider. Initially, PEF was not involved with the final urance providers), but based on the initial discussion,	
The additional warranty figure was developed using the most comparable option to evaluate. The company took cost for the requested 8 year coverage period.	cost of 8 months of coverage for the $13m^2$ . This is the the cost for the 8 month coverage and calculated the	
The Engineering enhancements were calculated using in	dustry knowledge and previous contract experience.	
Estimate Vs Actual Due to the R16 extended outage, the company has spent original budget. This was not a large amount and the co these areas. These costs are a result of delays in the rest The company also shifted some LPT costs from 2010 to item at year end. IF the 2 <sup>nd</sup> Delam impact schedule, the the Phase III work.	impany does not anticipate additional expenditures in art.  2011; this will show an increase over estimates for this	
The Schedule Performance Indicators for FQ 2011 show baseline schedules are difficult to estimate. It is difficult projects. Corporate is working to develop new procedure estimates.	t to determine the engineering man hours for these	
PM uses the SPI for gross estimates. The level two schedules are used to monitor the overall progress of the project.  Two major projects drove the drop in overall SPI—the Emergency Feedwater Pump and the Main Feedwater Pump.  A NCR assessment was completed in April 2011 to assess the delays. Project Team states that it has confidence that the schedule is being monitored and addressing any issues that may place the schedule in jeopardy.		
(3) Conclusions:		
(4) Date Request(s) Generated: No No.		

Bureau of Performance Analysis			
Finding Summary			
Company: Progress Energy Florida Area: Crystal River 3 - EPU Auditor(s): Coston/Carpenter	Item No: CR3-3 File Name: CR3 Issue 2.doc WLC#:		
(1) Issue (Is there a point of discussion, debate or dispute?)			
The company's original LAR application did not meet i	ts standards for completeness		
(2) Condition (What is happening?)			
A review by an expert panel and an internal root cause a meet the expectations of the NRC. Audit staff interview detail was omitted from the original LAR application.	assessment determined that the original LAR did not wed members of the panel and determined that technical		
(3) Standard/Criteria (How is it supposed to work?) The company used the Ginna application as its standard However, the initial application did not incorporate kno application			
(4) Cause (What has happened or could happen due to variance between 2 & Poor management and lack of oversight was a leading of that the company allowed AREVA to produce a less technique.	ause. Additionally, the Expert Panel member stated		
(5) Effect (What has happened or could happen due to variance between 2&3 The company initiated a new WA to the AREVA contra contract was for			
(6) Recommendation (What action steps will correct this problem?)			

<b>Docket</b>	Nο	160000
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DOCUMENT	PAGE/LINE	JUSTIFICATION
Audit Work Papers, Section 5. Work Plan	Page 29, Conclusions column, 4th column, the amount in 1 <sup>st</sup> line	§366.093(3)(b), Fla. Stat. The information in question contains confidential information relating to, or derived from, the Company's internal auditing controls and/or reports of the Company's internal auditors  §366.093(3)(d), Fla. Stat. The document in question contains confidential contractual information, the disclosure of which would impair PEF's efforts to contract for goods or services on favorable terms.  §366.093(3)(e), Fla. Stat. The document portions in question contain confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.
Audit Work Papers Section 6. Document Requests	Page 159, 6 <sup>th</sup> row, 2 <sup>nd</sup> column, 1 <sup>st</sup> line, 2 <sup>nd</sup> to last word	§366.093(3)(b), Fla. Stat. The information in question contains confidential information relating to, or derived from, the Company's internal auditing controls and/or reports of the Company's internal auditors  §366.093(3)(d), Fla. Stat. The document in question contains confidential

		contractual information, the disclosure of which would impair PEF's efforts to contract for goods or services on favorable terms.  §366.093(3)(e), Fla. Stat. The document portions in question contain confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.
Audit Work Papers Section 6. Document Requests	Page 171, 3rd row, 2nd column, 2 <sup>nd</sup> paragraph, 12 <sup>th</sup> line, 3 <sup>rd</sup> word through the end of the paragraph	§366.093(3)(b), Fla. Stat. The information in question contains confidential information relating to, or derived from, the Company's internal auditing controls and/or reports of the Company's internal auditors
		§366.093(3)(d), Fla. Stat. The document in question contains confidential contractual information, the disclosure of which would impair PEF's efforts to contract for goods or services on favorable terms.
		§366.093(3)(e), Fla. Stat. The document portions in question contain confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.

Audit Work Papers Section 6. Document Requests	Page 172, 1st row, 2nd column, entire 1st line through entire 16th line; 1st row, 2nd column 20th line, last word through end of paragraph	\$366.093(3)(b), Fla. Stat. The information in question contains confidential information relating to, or derived from, the Company's internal auditing controls and/or reports of the Company's internal auditors  \$366.093(3)(d), Fla. Stat. The document in question contains confidential contractual information, the disclosure of which would impair PEF's efforts to contract for goods or services on favorable terms.  \$366.093(3)(e), Fla. Stat. The document portions in question contain confidential information relating to competitive business interests, the disclosure of which would
		impair the competitive business of the provider/owner of the information.
Audit Work Papers Section 6. Document Requests	Page 173, 2nd row, 2nd column, 5th line, last 4 words in line, first 5 words in 6th line, 9th line, 4th word from end of line, entire 13th line through end of paragraph.	§366.093(3)(b), Fla. Stat. The information in question contains confidential information relating to, or derived from, the Company's internal auditing controls and/or reports of the Company's internal auditors
		§366.093(3)(d), Fla. Stat. The document in question contains confidential contractual information, the disclosure of which would

		impair PEF's efforts to contract for goods or services on favorable terms.  §366.093(3)(e), Fla. Stat. The document portions in question contain confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.
Audit Work Papers Section 9. Interview Summaries	Page 195, 5 <sup>th</sup> row, 6 <sup>th</sup> paragraph, 2 <sup>nd</sup> sentence through the end of the paragraph	§366.093(3)(b), Fla. Stat. The information in question contains confidential information relating to, or derived from, the Company's internal auditing controls and/or reports of the Company's internal auditors  §366.093(3)(d), Fla. Stat. The document in question contains confidential contractual information, the disclosure of which would impair PEF's efforts to contract for goods or services on favorable terms.  §366.093(3)(e), Fla. Stat. The document portions in question contain confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.

Audit Work Papers Section 9. Interview Summaries	Page 196, 2 <sup>nd</sup> from the bottom paragraph, 2 <sup>nd</sup> line, 11 <sup>th</sup> word and last 2 words, 3 <sup>rd</sup> line, 1 <sup>st</sup> , 2 <sup>nd</sup> and 7 <sup>th</sup> word through 7 <sup>th</sup> line, 13 <sup>th</sup> word.	\$366.093(3)(b), Fla. Stat.  The information in question contains confidential information relating to, or derived from, the Company's internal auditing controls and/or reports of the Company's internal auditors  \$366.093(3)(d), Fla. Stat.  The document in question contains confidential contractual information, the disclosure of which would impair PEF's efforts to contract for goods or services on favorable terms.  \$366.093(3)(e), Fla. Stat.  The document portions in question contain confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.
Audit Work Papers Section 9. Interview Summaries	Page 197, 3rd paragraph, 5th line, 2nd to last word and 6th line, 2nd to last word	§366.093(3)(b), Fla. Stat. The information in question contains confidential information relating to, or derived from, the Company's internal auditing controls and/or reports of the Company's internal auditors  §366.093(3)(d), Fla. Stat. The document in question contains confidential contractual information, the disclosure of which would impair PEF's efforts to contract for goods or services

		on favorable terms.  §366.093(3)(e), Fla. Stat. The document portions in question contain confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.
Audit Work Papers Section 9. Interview Summaries	Page 200, 5th row, last paragraph, 5th line, 9th word through end of paragraph	§366.093(3)(b), Fla. Stat. The information in question contains confidential information relating to, or derived from, the Company's internal auditing controls and/or reports of the Company's internal auditors  §366.093(3)(d), Fla. Stat. The document in question contains confidential contractual information, the disclosure of which would impair PEF's efforts to contract for goods or services on favorable terms.  §366.093(3)(e), Fla. Stat. The document portions in question contain confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.

Audit Work Papers	Page 202, 5 <sup>th</sup> row, 1 <sup>st</sup> paragraph,	§366.093(3)(b), Fla. Stat.
Audit Work Papers Section 9. Interview Summaries	Page 202, 5 <sup>th</sup> row, 1 <sup>st</sup> paragraph, 4 <sup>th</sup> line, 9 <sup>th</sup> and 0 <sup>th</sup> word and 6 <sup>th</sup> line, last 2 words	§366.093(3)(b), Fla. Stat. The information in question contains confidential information relating to, or derived from, the Company's internal auditing controls and/or reports of the Company's internal auditors  §366.093(3)(d), Fla. Stat. The document in question contains confidential contractual information, the
		disclosure of which would impair PEF's efforts to contract for goods or services on favorable terms.
		§366.093(3)(e), Fla. Stat. The document portions in question contain confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.

Audit Work Papers	Page 212, 7 <sup>th</sup> row, last 2 words	§366.093(3)(b), Fla. Stat.
Section 9. Interview Summaries	in paragraph	The information in question contains confidential information relating to, or derived from, the Company's internal auditing controls and/or reports of the Company's internal auditors
		§366.093(3)(d), Fla. Stat. The document in question contains confidential contractual information, the disclosure of which would impair PEF's efforts to contract for goods or services on favorable terms.
		§366.093(3)(e), Fla. Stat.  The document portions in question contain confidential information relating to competitive business interests, the disclosure of which would impair the competitive business of the provider/owner of the information.

## Revised Exhibit D Affidavit of Mark Teague

#### BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re:	Nuclear Cost Recovery Clause	Docket No. 160009-EI
		Submitted for Filing:

#### AFFIDAVIT OF MARK TEAGUE IN SUPPORT OF DUKE ENERGY FLORIDA'S FIRST REQUEST FOR EXTENSION OF CONFIDENTIAL CLASSIFICATION

STATE OF NORTH CAROLINA
COUNTY OF MECKLENBURG

BEFORE ME, the undersigned authority duly authorized to administer oaths, personally appeared Mark Teague, who being first duly sworn, on oath deposes and says that:

- 1. My name is Mark Teague. I am employed by Duke Energy Business Services, LLC ("Duke Energy") and serve as its Managing Director of Major Projects Sourcing in the Supply Chain Department. I am over the age of 18 years old and I have been authorized by Duke Energy Florida (hereinafter "DEF" or the "Company") to give this affidavit in the above-styled proceeding on DEF's behalf and in support of DEF's First Request for Extension of Confidential Classification (the "Request") concerning portions of the documents and information provided to Staff in response to Staff's review, *Audit Control No. PA-11-01-001* (document number 04540-11). The facts attested to in my affidavit are based upon my personal knowledge.
- 2. As Managing Director of Major Projects, my role includes providing management oversight in the disposition of the Crystal River Unit 3 ("CR3") Extended Power Uprate ("EPU") assets by ensuring that Supply Chain employees at CR3 follow DEF's processes and procedures. I

also have responsibility for the Supply Chain functions for Duke Energy International and with most Duke Energy Major Projects.

- 3. DEF is seeking an extension of confidential classification for certain portions of documents and information provided to Staff in response to data requests during Staff's review, Audit Control No. PA-11-01-001 and portions of Staff's workpapers in Docket No. 110009-EI. Some of the documents originally submitted on July 1, 2011, in DEF's Eleventh Request for Confidential Classification are no longer confidential. Therefore, DEF is submitting revised Exhibits A, B, and C along with this Affidavit. DEF is requesting an extension of confidential classification of portions of the workpapers because they contain confidential contractual information and numbers concerning the Crystal River Unit 3 ("CR3") Extended Power Uprate ("EPU") Project ("CR3 Uprate"), the disclosure of which would impair DEF's competitive business interests and violate DEF's confidentiality agreements with third parties and vendors; information gleaned from internal audit controls and reports; and other information the disclosure of which would impair the Company's competitive business interests.
- 4. The Company is requesting an extension of confidential classification of this information because portions of Exhibit A contain proprietary and confidential information that would impair DEF's competitive business interests if publicly disclosed, as well as information concerning contractual data, the disclosure of which would impair the Company's ability to contract on favorable terms. In many instances, the disclosure of this information would violate contractual confidentiality provisions or is the result of recent negotiations with DEF vendors or ongoing contracts with vendors. Portions of these documents reflect the Company's internal strategies for evaluating projects. The information contains sensitive information concerning the

CR3 Uprate, the release of which would place DEF's competitors at a relative competitive advantage, thereby harming the Company's and its customer's interests.

- 5. Furthermore, portions of the information in Exhibit A were taken from internal audit reports which are confidential. If the Company were to know that its internal auditing controls and process were subject to public disclosure, it would likely compromise the level of cooperation needed to efficiently conduct audits.
- 6. With respect to portions of Exhibit A at issue in this request, DEF considers this information confidential and proprietary and continues to take steps to protect against its public disclosure, including limiting the personnel who have access to this information. If such information was disclosed to DEF's competitors and/or other potential suppliers, DEF's efforts to obtain competitive nuclear equipment and service options that provide economic value to both the Company and its customers could be compromised by the Company's competitors and/or suppliers changing their offers, consumption, or purchasing behavior within the relevant markets. If other third parties were made aware of confidential contractual terms that DEF has with other parties, they may offer less competitive contractual terms in future contractual negotiations. Without the Company's measures to maintain the confidentiality of sensitive terms in contracts with these nuclear contractors, the Company's efforts to obtain a competitive contracts could be undermined to the detriment of DEF and its ratepayers.
- 7. Upon receipt of this confidential information, as with all confidential information, strict procedures are established and followed to maintain the confidentiality of the terms of the documents and information provided, including restricting access to those persons who need the information to assist the Company, and restricting the number of, and access to the information and documents. At no time since developing or entering into the contracts in

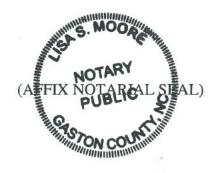
question has the Company publicly disclosed the contracts' confidential terms. The Company has treated and continues to treat the information and documents at issue as confidential.

8.	This concludes my affidavit
Furth	er affiant sayeth not.

Dated the 6 day of April, 2016.

(Signaturd)
Mark Teague

THE FOREGOING INSTRUMENT was sworn to and subscribed before me this 8th day of April, 2016 by Mark Teague. He is personally known to me, or has produced his North Carolina driver's license, or his as identification.



(Serial Number, If Any)