

Exhibit 300: Capital Asset Plan and Business Case Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview (All Capital Assets)

1. **Date of Submission:** 2010-03-05 13:49:39

2. **Agency:** 429

3. **Bureau:** 00

4. **Name of this Investment:** Reactor Program System (RPS)

5. **Unique Project (Investment) Identifier:** 429-00-01-03-01-2000-00

6. **What kind of investment will this be in FY 2011?:** Operations and Maintenance

- Planning
- Full Acquisition
- Operations and Maintenance
- Mixed Life Cycle
- Multi-Agency Collaboration

7. **What was the first budget year this investment was submitted to OMB? ***

8. **Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap; this description may include links to relevant information which should include relevant GAO reports, and links to relevant findings of independent audits.**

RPS facilitates the inspection and licensing process over various phases of power reactors, non-power reactors, fuel facility sites, vendor sites, and independent spent fuel storage installations. It provides the Regions, NRR, NMSS, NSIR, and NRO the capability to build and schedule inspection activities and the ability to capture inspection findings to support the Reactor Oversight Process and to generate Plant Issues Matrix reports. RPS supports the NRC's reactor inspection and licensing programs and is used to schedule inspection activities at operating power reactors, decommissioning reactors, fuel cycle facilities, independent spent fuel facilities, and sites proposed for new reactors. The assignments and schedules entered into RPS are passed electronically to the Human Resources Management System (HRMS) where Time and Labor (T&L) data is collected. RPS retrieves these hours for reporting, budgeting, and planning purposes. In addition to inspection information, RPS also includes plant performance indicators, inspection follow-up items, NRC staff data, facility characteristics, and other reactor regulatory data. The RPS is one of the tools used by NRC managers to assess the effectiveness and uniformity of the implementation of the NRC reactor inspection programs. The NRC's inspection program is an integral part of the Reactor Oversight Process (ROP) and the data is important in providing confidence in the continued protection of the public health and safety. The RPS investment was reviewed and approved by the NRC Information Technology Business Council (ITBC) on June 2, 2009 and on September 1, 2009. RPS supports the NRC goals and objectives by improving information sharing to decrease response times for actions and improving the quality of decision making related to nuclear power reactor facilities. RPS received an Authority To Operate (ATO) on November 11, 2008. RPS supported three programs assessed using OMB's PART: Reactor Inspection and Performance Assessment, Reactor Licensing and Fuel Facility Licensing and Inspection.

- a. **Provide here the date of any approved rebaselining within the past year, the date for the most recent (or planned) alternatives analysis for this investment, and whether this investment has a risk management plan and risk register.**

9. **Did the Agency's Executive/Investment Committee approve this request? ***

- a. **If "yes," what was the date of this approval? ***

10. Contact information of Program/Project Manager?

- **Name:** *
- **Phone Number:** *
- **Email:** *

11. What project management qualifications does the Project Manager have? (per FAC-P/PM)? *

- Project manager has been validated according to FAC-PMPM or DAWIA criteria as qualified for this investment.
- Project manager qualifications according to FAC-P/PM or DAWIA criteria is under review for this investment.
- Project manager assigned to investment, but does not meet requirements according to FAC-P/OM or DAWIA criteria.
- Project manager assigned but qualification status review has not yet started.
- No project manager has yet been assigned to this investment.

12. If this investment is a financial management system, then please fill out the following as reported in the most recent financial systems inventory (FMSI):

Financial management system name(s)	System acronym	Unique Project Identifier (UPI) number
*	*	*

a. If this investment is a financial management system AND the investment is part of the core financial system then select the primary FFMIA compliance area that this investment addresses (choose only one): *

- computer system security requirement;
- internal control system requirement;
- core financial system requirement according to FSIO standards;
- Federal accounting standard;
- U.S. Government Standard General Ledger at the Transaction Level;
- this is a core financial system, but does not address a FFMIA compliance area;
- Not a core financial system; does not need to comply with FFMIA

Section B: Summary of Funding (Budget Authority for Capital Assets)

1.

Table 1: SUMMARY OF FUNDING FOR PROJECT PHASES (REPORTED IN MILLIONS) (Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)									
	PY1 and earlier	PY 2009	CY 2010	BY 2011	BY+1 2012	BY+2 2013	BY+3 2014	BY+4 and beyond	Total
Planning:	*	*	*	*	*	*	*	*	*
Acquisition:	*	*	*	*	*	*	*	*	*
Subtotal Planning & Acquisition:	*	*	*	*	*	*	*	*	*
Operations & Maintenance:	*	*	*	*	*	*	*	*	*
Disposition Costs (optional):	*	*	*	*	*	*	*	*	*
SUBTOTAL:	*	*	*	*	*	*	*	*	*
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	*	*	*	*	*	*	*	*	*
Number of FTE represented by Costs:	*	*	*	*	*	*	*	*	*
TOTAL(including FTE costs)	*	*	*	*	*	*	*	*	*

2. If the summary of funding has changed from the FY 2010 President’s Budget request, briefly explain those changes:

*

Section C: Acquisition/Contract Strategy (All Capital Assets)

1. **Table 1: Contracts/Task Orders Table**

Contract or Task Order Number	Type of Contract/ Task Order (In accordance with FAR Part 16)	Has the contract been awarded (Y/N)	If so what is the date of the award? If not, what is the planned award date?	Start date of Contract/ Task Order	End date of Contract/ Task Order	Total Value of Contract/ Task Order (M)	Is this an Interagency Acquisition? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)
NRC330735803	T&M: Time & Materials	Y	2007-09-26	2007-09-26	2011-09-25	\$3.5	*	*	*	*	*
DR3306317TO47	T&M: Time & Materials	Y	2008-06-16	2008-06-16	2009-01-28	\$0.1	*	*	*	*	*

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

*

3. Is there an acquisition plan which reflects the requirements of FAR Subpart 7.1 and has been approved in accordance with agency requirements? *

a.If "yes," what is the date? *

Section D: Performance Information (All Capital Assets)

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2006	Safety	*	*	modify rps prior to the effective date of new regulatory requirements.	the rps is 100% compliance with evolving regulatory requirements.	the rps maintains 100% compliance with evolving regulatory requirements	rps maintained 100% compliance with evolving regulatory requirements
2006	Organizational Excellence	*	*	percent of availability of rps during normal working hours (7:30 am - 5:00 pm est) to provide assess to the data.	the rps is available to users 97% of the time	the rps is available to users 98% of the time	rps was available to users 99% of the time
2006	Security	*	*	rps will maintain full compliance with the fisma to ensure it security and to reduce risk to the government.	rps does not have a current ato.	rps will obtain an ato and meet all fisma requirements.	rps operated under an iato
2006	Organizational Excellence	*	*	the number of days before rps software is upgraded to new versions. rps software must use vendor supported versions of powerbuilder and sybase to reduce risk and provide cost effectiveness.	rps currently uses vendor supported releases of all software.	upgrade to new versions of software to ensure software is supported by the software vendor.	all rps software is a current vendor supported version. all rps modules were upgraded to powerbuilder 10.2 in fy06.
2007	Safety	*	*	modify rps prior to the effective date of new regulatory requirements.	the rps is 100% compliance with evolving regulatory requirements.	the rps maintains 100% compliance with evolving regulatory requirements	rps maintained 100% compliance with evolving regulatory requirements.
2007	Organizational Excellence	*	*	percent of availability of rps during normal working hours (7:30 am - 5:00 pm est) to provide assess to the data.	the rps is available to users 97% of the time	the rps is available to users 98% of the time.	rps was available to users 99% of the time
2007	Security	*	*	rps will maintain full compliance with the fisma to ensure it security and to reduce risk to the government.	rps does not have a current ato.	rps will obtain an ato and meet all fisma requirements.	rps received an ato on september 28, 2007
2007	Security	*	*	the number of weeks it takes to respond to high, medium	respond to 'high' category poa&m items within 1 month,	respond to 'high' category poa&m items within 1 week,	rps has respond to 'high' category poa&m items within 1

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				and low categories of poa&m items.	'medium' within 1 quarter and 'low' within 6 months.	'medium' within 1 month and 'low' within 1 quarter.	week, 'medium' within 1 month and 'low' within 1 quarter.
2007	Organizational Excellence	*	*	the number of days before rps software is upgraded to new versions. rps software must use vendor supported versions of powerbuilder and sybase to reduce risk and provide cost effectiveness.	rps currently uses vendor supported releases of all software.	upgrade to new versions of software to ensure software is supported by the software vendor.	rps software converted to powerbuilder 10.2 and sybase adaptive server enterprise 12.5.3 in fy07. all rps software is a current vender supported version.
2008	Safety	*	*	modify rps prior to the effective date of new regulatory requirements.	the rps is 100% compliance with evolving regulatory requirements.	modify rps prior to the effective date of all new regulatory requirements	rps was modified prior to the effective date of all new regulatory requirement changes.
2008	Organizational Excellence	*	*	percent of availability of rps during normal working hours (7:30 am - 5:00 pm est) to provide assess to the data.	the rps is available to users 97% of the time	the rps is available to users 98% of the time.	rps was available to users 99% of the time
2008	Security	*	*	the number of weeks it takes to respond to high, medium and low categories of poa&m items.	respond to 'high' category poa&m items within 1 month, 'medium' within 1 quarter and 'low' within 6 months.	respond to 'high' category poa&m items within 1 week, 'medium' within 1 month and 'low' within 1 quarter.	rps has respond to 'high' category poa&m items within 1 week, and all 'medium' and 'low' within 1 month
2008	Organizational Excellence	*	*	the number of days before rps software is upgraded to new versions. rps software must use vendor supported versions of powerbuilder and sybase to reduce risk and provide cost effectiveness.	rps currently uses vendor supported releases of all software.	begin upgrading to new versions of software within 14 day of the date ois approves the use of new versions of the software.	all rps software is a current vender supported version. ois did not approve the use of any new versions this fy
2009	Safety	*	*	modify rps prior to the effective date of new regulatory requirements.	the rps is 100% compliance with evolving regulatory requirements.	modify rps prior to the effective date of all new regulatory requirements	rps has been modified to meet all current regulatory requirements.
2009	Organizational	*	*	percent of	the rps is	the rps is	rps was

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	Excellence			availability of rps during normal working hours (7:30 am - 5:00 pm est) to provide assess to the data.	available to users 97% of the time	available to users 98% of the time.	available to users 99% of the time.
2009	Security	*	*	the number of weeks it takes to respond to high, medium and low categories of poa&m items.	respond to 'high' category poa&m items within 1 month, 'medium' within 1 quarter and 'low' within 6 months.	respond to 'high' category poa&m items within 1 week, 'medium' within 1 month and 'low' within 1 quarter.	all rps poa&m items were responded to within one week.
2009	Organizational Excellence	*	*	the number of days before rps software is upgraded to new versions. rps software must use vendor supported versions of powerbuilder and sybase to reduce risk and provide cost effectiveness.	rps currently uses vendor supported releases of all software.	begin upgrading to new versions of software within 14 day of the date ois approves the use of new versions of the software.	rps will be upgraded to powerbuilder version 11.5.1 in fy10.
2010	Safety	*	*	modify rps prior to the effective date of new regulatory requirements.	the rps is 100% compliance with evolving regulatory requirements.	modify rps prior to the effective date of all new regulatory requirements	pending
2010	Organizational Excellence	*	*	percent of availability of rps during normal working hours (7:30 am - 5:00 pm est) to provide assess to the data.	the rps is available to users 97% of the time	the rps is available to users 98% of the time.	pending
2010	Security	*	*	the number of weeks it takes to respond to high, medium and low categories of poa&m items.	respond to 'high' category poa&m items within 1 month, 'medium' within 1 quarter and 'low' within 6 months.	respond to 'high' category poa&m items within 1 week, 'medium' within 1 month and 'low' within 1 quarter.	pending
2010	Organizational Excellence	*	*	the number of days before rps software is upgraded to new versions. rps software must use vendor supported versions of powerbuilder and sybase to reduce risk and provide cost	rps currently uses vendor supported releases of all software.	begin upgrading to new versions of software within 14 day of the date ois approves the use of new versions of the software.	pending

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				effectiveness.			
2011	Safety	*	*	modify rps prior to the effective date of new regulatory requirements.	the rps is 100% compliance with evolving regulatory requirements.	modify rps prior to the effective date of all new regulatory requirements	pending
2011	Organizational Excellence	*	*	percent of availability of rps during normal working hours (7:30 am - 5:00 pm est) to provide assess to the data.	the rps is available to users 97% of the time	the rps is available to users 98% of the time.	pending
2011	Security	*	*	the number of weeks it takes to respond to high, medium and low categories of poa&m items.	respond to 'high' category poa&m items within 1 month, 'medium' within 1 quarter and 'low' within 6 months.	respond to 'high' category poa&m items within 1 week, 'medium' within 1 month and 'low' within 1 quarter.	pending
2011	Organizational Excellence	*	*	the number of days before rps software is upgraded to new versions. rps software must use vendor supported versions of powerbuilder and sybase to reduce risk and provide cost effectiveness.	rps currently uses vendor supported releases of all software.	begin upgrading to new versions of software within 14 day of the date ois approves the use of new versions of the software.	pending
2012	Safety	*	*	modify rps prior to the effective date of new regulatory requirements.	the rps is 100% compliance with evolving regulatory requirements.	modify rps prior to the effective date of all new regulatory requirements	pending
2012	Organizational Excellence	*	*	percent of availability of rps during normal working hours (7:30 am - 5:00 pm est) to provide assess to the data.	the rps is available to users 97% of the time	the rps is available to users 98% of the time.	pending
2012	Security	*	*	the number of weeks it takes to respond to high, medium and low categories of poa&m items.	respond to 'high' category poa&m items within 1 month, 'medium' within 1 quarter and 'low' within 6 months.	respond to 'high' category poa&m items within 1 week, 'medium' within 1 month and 'low' within 1 quarter.	pending
2012	Organizational Excellence	*	*	the number of days before rps software is upgraded to new versions. rps software	rps currently uses vendor supported releases of all software.	begin upgrading to new versions of software within 14 day of the date ois approves the	pending

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				must use vendor supported versions of powerbuilder and sybase to reduce risk and provide cost effectiveness.		use of new versions of the software.	
2013	Safety	*	*	modify rps prior to the effective date of new regulatory requirements.	the rps is 100% compliance with evolving regulatory requirements.	modify rps prior to the effective date of all new regulatory requirements	pending
2013	Organizational Excellence	*	*	percent of availability of rps during normal working hours (7:30 am - 5:00 pm est) to provide assess to the data.	the rps is available to users 97% of the time	the rps is available to users 98% of the time.	pending
2013	Security	*	*	the number of weeks it takes to respond to high, medium and low categories of poa&m items.	respond to 'high' category poa&m items within 1 month, 'medium' within 1 quarter and 'low' within 6 months.	respond to 'high' category poa&m items within 1 week, 'medium' within 1 month and 'low' within 1 quarter.	pending
2013	Organizational Excellence	*	*	the number of days before rps software is upgraded to new versions. rps software must use vendor supported versions of powerbuilder and sybase to reduce risk and provide cost effectiveness.	rps currently uses vendor supported releases of all software.	begin upgrading to new versions of software within 14 day of the date ois approves the use of new versions of the software.	pending
2014	Safety	*	*	modify rps prior to the effective date of new regulatory requirements.	the rps is 100% compliance with evolving regulatory requirements.	modify rps prior to the effective date of all new regulatory requirements	pending
2014	Organizational Excellence	*	*	percent of availability of rps during normal working hours (7:30 am - 5:00 pm est) to provide assess to the data.	the rps is available to users 97% of the time	the rps is available to users 98% of the time.	pending
2014	Security	*	*	the number of weeks it takes to respond to high, medium and low categories of	respond to 'high' category poa&m items within 1 month, 'medium' within 1 quarter	respond to 'high' category poa&m items within 1 week, 'medium' within 1 month	pending

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				poa&m items.	and 'low' within 6 months.	and 'low' within 1 quarter.	
2014	Organizational Excellence	*	*	the number of days before rps software is upgraded to new versions. rps software must use vendor supported versions of powerbuilder and sybase to reduce risk and provide cost effectiveness.	rps currently uses vendor supported releases of all software.	begin upgrading to new versions of software within 14 day of the date ois approves the use of new versions of the software.	pending
2015	Safety	*	*	modify rps prior to the effective date of new regulatory requirements.	the rps is 100% compliance with evolving regulatory requirements.	modify rps prior to the effective date of all new regulatory requirements	pending
2015	Organizational Excellence	*	*	percent of availability of rps during normal working hours (7:30 am - 5:00 pm est) to provide assess to the data.	the rps is available to users 97% of the time	the rps is available to users 98% of the time.	pending
2015	Security	*	*	the number of weeks it takes to respond to high, medium and low categories of poa&m items.	respond to 'high' category poa&m items within 1 month, 'medium' within 1 quarter and 'low' within 6 months.	respond to 'high' category poa&m items within 1 week, 'medium' within 1 month and 'low' within 1 quarter.	pending
2015	Organizational Excellence	*	*	the number of days before rps software is upgraded to new versions. rps software must use vendor supported versions of powerbuilder and sybase to reduce risk and provide cost effectiveness.	rps currently uses vendor supported releases of all software.	begin upgrading to new versions of software within 14 day of the date ois approves the use of new versions of the software.	pending

Part III: For "Operation and Maintenance" investments ONLY (Steady State)

Section A: Cost and Schedule Performance (All Capital Assets)

1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline

Description of Milestones	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Planning for RPS	\$0.0	\$0.0	1996-01-01	1997-01-01	1997-09-30	1997-09-30	100.00%	100.00%
Acquisition of RPS	\$2.7	\$2.7	1997-10-01	1997-10-01	2001-05-01	2001-05-01	100.00%	100.00%
Maintenance and Operations thru FY 2001	\$1.5	\$1.5	1998-03-01	1998-03-08	2001-09-30	2001-09-30	100.00%	100.00%
Maintenance and Operations FY 2002	\$0.8	\$0.8	2001-10-01	2001-10-01	2002-09-30	2002-09-30	100.00%	100.00%
Maintenance and Operations FY 2003	\$0.8	\$0.8	2002-10-01	2002-10-01	2003-09-30	2003-09-30	100.00%	100.00%
Maintenance and Operations FY 2004	\$0.8	\$0.8	2003-10-01	2003-10-01	2004-09-30	2004-09-30	100.00%	100.00%
Maintenance and Operations FY 2005	\$0.9	\$0.9	2004-10-01	2004-10-01	2005-09-30	2005-09-30	100.00%	100.00%
Maintenance and Operations FY 2006	\$1.1	\$1.1	2005-10-01	2005-10-01	2006-09-30	2006-09-30	100.00%	100.00%
Maintenance and Operations FY 2007	\$1.2	\$1.2	2006-10-01	2006-10-01	2007-09-30	2007-09-30	100.00%	100.00%
Maintenance and Operations FY 2008	\$1.3	\$1.3	2007-10-01	2007-10-01	2008-09-30	2008-09-30	100.00%	100.00%
Maintenance and Operations FY 2009	\$1.1	\$1.4	2008-10-01	2008-10-01	2009-09-30	2009-09-30	100.00%	100.00%
Maintenance and Operations FY 2010	\$1.3	\$0.4	2009-10-01	2009-10-01	2010-09-30	2009-10-31	35.00%	30.00%
Contingency Plan Testing FY2010	*	*	2009-10-01		2010-09-30		100.00%	0.00%
Security Control Self Assessment FY2010	*	*	2009-10-01		2010-09-30		100.00%	0.00%
Maintenance and	*	*	2010-10-01		2011-09-30		100.00%	0.00%

1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline								
Description of Milestones	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete
Operations FY 2011								
Contingency Plan Testing FY2011	*	*	2010-10-01		2011-09-30		100.00%	0.00%
Security Control Self Assessment FY2011	*	*	2010-10-01		2011-09-30		100.00%	0.00%
3 Year ATO Re-certification FY 2011	*	*	2011-05-01		2011-11-08		100.00%	0.00%
Maintenance and Operations FY 2012	*	*	2011-10-01		2012-09-30		100.00%	0.00%
Contingency Plan Testing FY2012	*	*	2011-10-01		2012-09-30		100.00%	0.00%
Security Control Self Assessment FY2012	*	*	2011-10-01		2012-09-30		100.00%	0.00%
Maintenance and Operations FY 2013	*	*	2012-10-01		2013-09-30		100.00%	0.00%
Contingency Plan Testing FY2013	*	*	2012-10-01		2013-09-30		100.00%	0.00%
Security Control Self Assessment FY2013	*	*	2012-10-01		2013-09-30		100.00%	0.00%
Maintenance and Operations FY 2014	*	*	2013-10-01		2014-09-30		100.00%	0.00%
Contingency Plan Testing FY2014	*	*	2013-10-01		2014-09-30		100.00%	0.00%
Security Control Self Assessment FY2014	*	*	2013-10-01		2014-09-30		100.00%	0.00%
3 Year ATO Re-certification FY 2014	*	*	2014-05-01		2014-11-08		100.00%	0.00%
Maintenance and Operations FY 2015	*	*	2014-10-01		2015-09-30		100.00%	0.00%
Contingency Plan Testing FY2015	*	*	2014-10-01		2015-09-30		100.00%	0.00%
Security Control Self Assessment FY2015	*	*	2014-10-01		2015-09-30		100.00%	0.00%

1. Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline								
Description of Milestones	Planned Cost (\$M)	Actual Cost (\$M)	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Planned Percent Complete	Actual Percent Complete

* - Indicates data is redacted.