

## 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:** 2010-03-12 16:11:15
2. **Agency:** 429
3. **Bureau:** 00
4. **Name of this Investment:** Materials Licensing Program - Web Based Licensing (WBL)
5. **Unique Project (Investment) Identifier:** 429-00-01-04-01-1000-00
6. **What kind of investment will this be in FY 2011?:** Full-Acquisition
  - 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.**

This investment manages the licensing and inspection of nuclear materials. The WBL will track the license application processes (new licenses, renewals, amendments, and terminations) and provide computerized records of each specific license. It will handle specific licenses issued for the possession and use of byproduct material, source, and special nuclear material. WBL will maintain a multitude of important characteristics: basic information (license number, program code, approved usage type, etc), possession limits, authorized users, locations of use, and fee data. It will also store the most recent inspection information on the licenses. The Web-Based Licensing (WBL) system will replace Licensing Tracking System (LTS, UPI:429-00-01-04-01-1000-00-301-093) for its licensing tracking capability. WBL will also replace the legacy Inspection Planning System (IPS) for its inspection planning and tracking capability and integrate inspection records with the license information. More importantly, WBL will support e-Gov by enabling licensees to submit and track the progress of license actions through a web interface. In addition to the licensee service functions, the WBL also provides the ability to satisfy the emerging needs in the modern information technology environment. Specifically, these needs include the accessibility for the disabled (Section 508 of the Rehabilitation Act); security measures to protect the information against malevolent act; robust and user friendly interfaces and flexible query capability; and disaster recovery capability.

  - 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):	*	*	*	*	*	*	*	*	*
<b>SUBTOTAL:</b>	*	*	*	*	*	*	*	*	*
<b>Government FTE Costs should not be included in the amounts provided above.</b>									
Government FTE Costs	*	*	*	*	*	*	*	*	*
Number of FTE represented by Costs:	*	*	*	*	*	*	*	*	*
<b>TOTAL(including FTE costs)</b>	*	*	*	*	*	*	*	*	*

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

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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)
GS-35F-0125S, NRC-DR-41-08-006	T&M: Time & Materials	Y	2008-08-28	2008-08-29	2011-03-15	\$0.8	*	*	*	*	*

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:

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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
2007	Organizational Excellence	*	*	number of review cycles needed to finalize up-to-date analysis of alternatives (aoa)	no recent aoa	3 or fewer review cycles	aoa update was completed in 3 review cycles
2007	Organizational Excellence	*	*	number of review cycles needed to finalize e-authentication risk assessment (e-auth ra) to determine end-user security access requirements	no recent e-auth ra	3 or fewer review cycles	e-auth ra was completed in 3 review cycles
2007	Organizational Excellence	*	*	number of review cycles needed to finalize cost analysis	no recent cost analysis	4 or fewer review cycles	cost analysis was completed in 3 review cycles
2007	Organizational Excellence	*	*	number of review cycles needed to finalize high-level data analysis & modeling (data model)	no recent data model	4 or fewer review cycles	data model was completed in 4 review cycles
2008	Organizational Excellence	*	*	number of review cycles needed to finalize system requirements specifications (srs)	no recent srs	6 or fewer review cycles	srs was completed in 6 review cycles
2008	Organizational Excellence	*	*	number of review cycles needed to finalize 508 compliance verification approach (508 approach)	no recent 508 approach	3 or fewer review cycles	508 approach completed in 2 review cycles
2008	Organizational Excellence	*	*	number of review cycles needed to finalize up-to-date risk analysis (risk list)	no recent risk list	3 or fewer review cycles	risk list was completed in 3 review cycles
2008	Organizational Excellence	*	*	number of review cycles needed to finalize license verification data sharing analysis (data sharing)	no recent data sharing analysis	3 or fewer review cycles	data sharing analysis was completed in 3 review cycles

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				analysis)			
2009	Organizational Excellence	*	*	% cost and schedule variance based on earned value analysis	0% variance based on project schedule baselined upon initiation of investment.	earned value cv and sv metrics remain within +/- 8% of baseline throughout system development effort.	earned value cv and sv are both within 8% of plan
2009	Organizational Excellence	*	*	% complete of procurement package components	no procurement package	100% complete	procurement package was 100% completed
2009	Organizational Excellence	*	*	% of security package updated	outdated security package	60% complete	security package is 60% complete
2009	Organizational Excellence	*	*	number of review cycles to complete the updated alternatives analysis	outdated aoa	no recent aoa	aoa update was completed in 2 review cycles
2010	Safety	*	*	the percentage of new licensing actions completed within 90 calendar days of the receipt of a request. licensing actions completed include licenses issued, voided and denied.	90% completion	92% completion (fewer customer calls - call center savings \$60k)	pending
2010	Organizational Excellence	*	*	average number of calendar days a response is issued from a foia request.	30 days	28 days (less fte - savings of \$15k)	pending
2010	Organizational Excellence	*	*	number of hours needed for an inspector to prepare for a materials related inspection.	20 hours	15 hours (less fte - savings of \$634k)	pending
2010	Organizational Excellence	*	*	average annual cost for all new licenses and amendments for material licensing actions.	\$2,692,308	\$2,519,344 (saving of \$173k)	pending
2011	Safety	*	*	the percentage of new licensing actions completed within 90 calendar days	90% completion	94% completion	pending

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				of the receipt of a request. licensing actions completed include licenses issued, voided and denied.			
2011	Organizational Excellence	*	*	average number of calendar days a response is issued from a foia request.	30 days	28 days (less fte - savings of \$16k)	pending
2011	Organizational Excellence	*	*	number of hours needed for an inspector to prepare for a materials related inspection.	20 hours	15 hours (less fte - savings of \$661k)	pending
2011	Organizational Excellence	*	*	average annual cost for all new licenses and amendments for material licensing actions.	\$3,051,178	\$2,594,925 (saving of \$456k)	pending
2012	Safety	*	*	the percentage of new licensing actions completed within 90 calendar days of the receipt of a request. licensing actions completed include licenses issued, voided and denied.	90% completion	94% completion (fewer customer calls - call center savings \$65k)	pending
2012	Organizational Excellence	*	*	average number of calendar days a response is issued from a foia request.	30 days	28 days (less fte - savings of \$16k)	pending
2012	Organizational Excellence	*	*	number of hours needed for an inspector to prepare for a materials related inspection.	20 hours	15 hours (less fte - savings of \$681k)	pending
2012	Organizational Excellence	*	*	average annual cost for all new licenses and amendments for material licensing actions.	\$3,142,713	\$2,672,772 (saving of \$470k)	pending
2013	Safety	*	*	the percentage	90% completion	94% completion	pending

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				of new licensing actions completed within 90 calendar days of the receipt of a request. licensing actions completed include licenses issued, voided and denied.		(fewer customer calls - call center savings \$67k)	
2013	Organizational Excellence	*	*	average number of calendar days a response is issued from a foia request.	30 days	28 days (less fte - savings of \$17k)	pending
2013	Organizational Excellence	*	*	number of hours needed for an inspector to prepare for a materials related inspection.	20 hours	15 hours (less fte - savings of \$702k)	pending
2013	Organizational Excellence	*	*	average annual cost for all new licenses and amendments for material licensing actions.	\$3,236,944	\$2,752,955 (saving of 484k)	pending
2014	Safety	*	*	the percentage of new licensing actions completed within 90 calendar days of the receipt of a request. licensing actions completed include licenses issued, voided and denied.	90% completion	94% completion (fewer customer calls - call center savings \$69k)	pending
2014	Organizational Excellence	*	*	average number of calendar days a response is issued from a foia request.	30 days	28 days (less fte - savings of \$17k)	pending
2014	Organizational Excellence	*	*	number of hours needed for an inspector to prepare for a materials related inspection.	20 hours	15 hours (less fte - savings of \$724k)	pending
2014	Organizational Excellence	*	*	average annual cost for all new licenses and	\$3,334,052	\$2,833,944(saving of 500k)	pending



Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				amendments for material licensing actions.			
2015	Safety	*	*	the percentage of new licensing actions completed within 90 calendar days of the receipt of a request. licensing actions completed include licenses issued, voided and denied.	90% completion	94% completion (fewer customer calls - call center savings \$71k)	pending
2015	Organizational Excellence	*	*	average number of calendar days a response is issued from a foia request.	30 days	28 days (less fte - savings of \$18k)	pending
2015	Organizational Excellence	*	*	number of hours needed for an inspector to prepare for a materials related inspection.	20 hours	15 hours (less fte - savings of \$746k)	pending
2015	Organizational Excellence	*	*	average annual cost for all new licenses and amendments for material licensing actions.	\$3,434,073	\$2,918,962(saving of 500k)	pending

## Part II: Planning, Acquisition And Performance Information

### 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: Acquisition Plans	\$0.5	\$0.5	2007-04-16	2007-04-16	2008-04-10	2008-04-21	100.00%	100.00%
Acquisition: Procurement Package	\$0.4	\$0.4	2008-06-01	2008-05-27	2009-09-30	2009-09-30	100.00%	100.00%
Acquisition: Requirements Revalidation	\$0.6	\$0.3	2010-01-18	2009-10-01	2010-03-18		55.00%	51.00%
Acquisition: System Design	*	*	2010-03-12		2010-06-01		0.00%	0.00%
Acquisition: Security Planning Artifacts	*	*	2010-01-19		2010-07-26		0.00%	0.00%
Acquisition: Feature Set 1 Build	*	*	2010-07-26		2010-09-24		0.00%	0.00%
Acquisition: Feature Set 2 Build	*	*	2010-09-07		2010-11-12		0.00%	0.00%
Acquisition: System Testing	*	*	2010-09-09		2011-05-11		0.00%	0.00%
Acquisition: Security Testing	*	*	2011-05-11		2011-08-02		0.00%	0.00%
Acquisition: Training	*	*	2011-07-04		2011-08-05		0.00%	0.00%
Acquisition: System Deployment	*	*	2011-07-20		2011-08-24		0.00%	0.00%
Operations & Maintenance – Year 1	*	*	2011-08-25		2012-09-30		0.00%	0.00%
Operations & Maintenance – Year 2	*	*	2012-10-01		2013-09-30		0.00%	0.00%
Operations & Maintenance – Year 3	*	*	2013-10-01		2014-09-30		0.00%	0.00%
Operations & Maintenance – Year 4	*	*	2014-10-01		2015-09-30		0.00%	0.00%
Operations & Maintenance – Year 5	*	*	2015-10-01		2016-09-30		0.00%	0.00%

\* - Indicates data is redacted.