

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:** 2010-03-16 10:48:22

2. **Agency:** 429

3. **Bureau:** 00

4. **Name of this Investment:** Licensing Support Network (LSN)

5. **Unique Project (Investment) Identifier:** 429-00-01-04-01-4000-00

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.**

The mission goals this investment supports are regulation of the nation's civilian use of nuclear materials and disposal of nuclear materials and waste, ensuring adequate protection of public health and safety, promoting the common defense and security, and protecting the environment. Strategic objectives from the NRC's FY 2004-2009 Strategic Plan (NUREG-1614, Vol. 3) that directly relate to LSN include: 1) ensuring openness of regulatory processes by enhancing awareness of NRC's independent role in protecting public health and safety and the environment, and, providing a fair and timely process for public involvement in NRC decision-making by providing an effective means to make such documents available to the public; 2) enhancing agency effectiveness by using state-of-the-art methods and risk insights to improve the effectiveness of NRC actions by ensuring timely regulatory decisions; 3) improving efficiency by the expanded use of electronic government strategies that make it easier for NRC employees to acquire, access, and use information needed to perform their work, and provide external stakeholders the ability to access the agency's publicly available information more easily and effectively. LSN is a dependable and publicly accessible document retrieval system (www.lsnnet.gov) that replaces the classic "discovery" exchanges among parties to the adjudicatory proceedings for the Yucca Mountain repository licensing with web access to documentary materials prior to the docketing of a license application. The LSN automates the discovery process in the Yucca Mountain licensing proceeding and is unique to the case being heard. The LSN facilitates a thorough technical review of relevant High Level Waste proceeding documentary material and it ensures equitable access to the information necessary for parties to prepare their cases. It will be used in conjunction with the Digital Data Management System that organizes documents and hearing operations inside the courtroom environment. The LSN benefit is removal of time-consuming document exchanges from the critical path during licensing. This positions NRC to meet Section 114 (d) of the Nuclear Waste Policy Act of 1982 (NWPA) which requires issuance of a final decision on the construction authorization for the Yucca Mountain repository within three years.

- 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)
DR21062 34	FFP, LOE: Firm Fixed Price, Level of Effort Term	Y	2006-07-1 3	2006-07-1 4	2009-11-1 0	\$2.8	*	*	*	*	*
DR21072 34	FFP: Firm Fixed Price	Y	2007-06-2 2	2007-08-0 1	2011-07-3 1	\$0.8	*	*	*	*	*
NRCDR2 108301	FFP: Firm Fixed Price	Y	2008-02-0 8	2008-02-0 8	2012-05-3 1	\$0.1	*	*	*	*	*
DR33063 17T023	T&M: Time & Materials	Y	2007-02-0 6	2007-02-0 6	2009-09-3 0	\$0.2	*	*	*	*	*
GS-35F-4 507G	FFP, LOE: Firm Fixed Price, Level of Effort Term	Y	2010-02-2 5	2010-02-2 5	2015-02-2 4	\$4.7	*	*	*	*	*

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	Organizational Excellence	*	*	allow docketing of application 6 mos after certification of the doe document collection. availability for discovery prior to docketing license application moves discovery off critical path of congressionally mandated 3-4 yr limit on the proceeding.	complete discovery in six months	allow doe to "docket" their application six months after certification	doe successfully docketed the license application 6 months after certification.
2006	Organizational Excellence	*	*	ensure ability to index minimum 20k documents per day to system. sustained indexing capacity shortens time needed to load doe's 3-4 million documents before certification that is prerequisite to docketing.	20,000 documents that can be spidered (indexed) per day	30,000 documents that can be "spidered" (indexing of participant webpages) per day	30,000 documents that can be "spidered" (indexing of participant webpages) per day
2006	Organizational Excellence	*	*	conduct 100% of document discovery electronically via internet access in order to reduce time and resources needed by parties to prepare for and effectively participate in proceeding.	currently 10% of the discovery is conducted electronically	conduct 100% of the high-level waste hearing process electronically vice in paper.	to date, 100% of the discovery has been completed electronically.
2006	Organizational Excellence	*	*	ensure less than 4 hours downtime against schedule. Isn availability ties directly to achieving hearing in 3-4 yr congressionally mandated timeframe. each day Isn is	99.4% uptime for subscribers of the Isn system	100% uptime for subscribers of the Isn system during business hours (6am to 9pm est).	100% uptime for subscribers of the Isn system during business hours (6am to 9pm est).

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				unavailable, another day is added to the hearing schedule.			
2007	Organizational Excellence	*	*	allow docketing of application 6 mos after certification of the document collection. availability for discovery prior to docketing license application moves discovery off critical path of congressionally mandated 3-4 yr limit on the proceeding.	complete discovery in six months	allow doe to "docket" their application six months after certification	doe successfully docketed the license application 6 months after certification.
2007	Organizational Excellence	*	*	ensure ability to index minimum 20k documents per day to system. sustained indexing capacity shortens time needed to load doe's 3-4 million documents before certification that is prerequisite to docketing.	20,000 documents that can be spidered (indexed) per day	30,000 documents that can be "spidered" (indexing of participant webpages) per day	20,000 documents have been spidered daily. approximately 3.5 million documents have been spidered and are currently available. as the total collection has increased the process is taking longer and we have not reached our target.
2007	Organizational Excellence	*	*	conduct 100% of document discovery electronically via internet access in order to reduce time and resources needed by parties to prepare for and effectively participate in proceeding.	currently 10% of the discovery is conducted electronically	conduct 100% of the high-level waste hearing process electronically vice in paper.	to date, 100% of the discovery has been completed electronically.
2007	Organizational Excellence	*	*	ensure less than 4 hours downtime against schedule. Isn availability ties directly to achieving hearing in 3-4 yr congressionally	99.4% uptime for subscribers of the Isn system	100% uptime for subscribers of the Isn system during business hours (6am to 9pm est).	100% uptime for subscribers of the Isn system during business hours (6am to 9pm est).

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				mandated timeframe. each day Isn is unavailable, another day is added to the hearing schedule.			
2008	Organizational Excellence	*	*	complete collection certification process for 100% of parties. availability for discovery prior to docketing license application moves discovery off critical path of congressionally mandated 3-4 yr limit on the proceeding.	this is a first of a time case therefore no baseline has been established.	conduct discover using 100% electronic via in paper.	100% parties document collections were certified.
2008	Organizational Excellence	*	*	ensure ability to index minimum 20k documents per day to system. sustained indexing capacity shortens time needed to load doe's 3-4 million documents before certification that is prerequisite to docketing.	20,000 documents that can be spidered (indexed) per day	30,000 documents that can be "spidered" (indexing of participant webpages) per day	20,000 documents have been spidered daily. approximately 3.6 million documents have been spidered and are currently available. as the total collection has increased the process is taking longer and we have not reached our target.
2008	Organizational Excellence	*	*	conduct 100% of document discovery electronically via internet access in order to reduce time and resources needed by parties to prepare for and effectively participate in proceeding.	currently 10% of the discovery is conducted electronically	conduct 100% of the high-level waste hearing process electronically vice in paper.	to date, 100% of the discovery has been completed electronically.
2008	Organizational Excellence	*	*	ensure less than 4 hours downtime against schedule. Isn availability ties directly to achieving	99.4% uptime for subscribers of the Isn system	100% uptime for subscribers of the Isn system during business hours (6am to 9pm est).	100% uptime for subscribers of the Isn system during business hours (6am to 9pm est).

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				hearing in 3-4 yr congressionally mandated timeframe. each day Isn is unavailable, another day is added to the hearing schedule.			
2009	Organizational Excellence	*	*	allow 100 % of participant collections to be available to others throughout proceedings. non-availability adds day-for-day to duration of proceedings. continued availability shortens proceedings needed to grant license.	this is a first of a time case therefore no baseline has been established.	allow Isn participants to maintain certification of their document collections throughout the three year hearing.	to date, all participants have maintained their Isn document availability.
2009	Organizational Excellence	*	*	ensure ability to index minimum 20k documents per day to system. sustained indexing capacity shortens time needed to load doe's 3-4 million documents subsequent to certification and docketing.	3.7 million documents have been indexed	capacity of 4.2 million documents.	all documents available have been indexed representing 3.7 million currently available.
2009	Organizational Excellence	*	*	conduct 100% of document discovery electronically via internet access in order to reduce time and resources needed by parties to prepare for and effectively participate in proceeding.	currently 10% of the discovery is conducted electronically	conduct 100% of the high-level waste hearing discovery process electronically vice in paper.	to date, 100% of the hearing discovery process has been conducted electronically.
2009	Organizational Excellence	*	*	ensure less than 4 hours downtime against schedule. Isn availability ties directly to achieving	99.4% uptime for subscribers of the Isn system	100% uptime for subscribers of the Isn system during business hours (6am to 9pm est).	100% uptime

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				hearing in 3-4 yr congressionally mandated timeframe. each day Isn is unavailable, another day is added to the hearing schedule.			
2010	Organizational Excellence	*	*	allow 100% of the participant collections to be available to other parties throughout proceeding. non-availability adds day-for-day duration to proceeding. continued availability shortens proceeding needed to grant license.	this is a first of a time case therefore no baseline has been established.	allow Isn participants to maintain certification of their document collections throughout the three year hearing.	pending
2010	Organizational Excellence	*	*	provide capacity of 4.5 million documents. documents must be available for case preparation and submission as exhibits in order to meet 3-4 yr proceeding time limit.	3.7 million documents have been indexed	capacity of 4.5 million documents.	pending
2010	Organizational Excellence	*	*	conduct 100% of document discovery electronically via internet access in order to reduce time and resources needed by parties to prepare for and effectively participate in proceeding.	currently 10% of the discovery is conducted electronically	conduct 100% of the high-level waste hearing process electronically vice in paper.	pending
2010	Organizational Excellence	*	*	ensure less than 4 hours downtime against schedule. Isn availability ties directly to achieving hearing in 3-4 yr congressionally mandated	99.4% uptime for subscribers of the Isn system	100% uptime for subscribers of the Isn system during business hours (6am to 9pm est).	pending

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				timeframe. each day Isn is unavailable, another day is added to the hearing schedule.			
2011	Organizational Excellence	*	*	allow 100% of the participant collections to be available to other parties throughout proceeding. non-availability adds day-for-day duration to proceeding. continued availability shortens proceeding needed to grant license.	this is a first of a time case therefore no baseline has been established.	allow Isn participants to maintain certification of their document collections throughout the three year hearing.	pending
2011	Organizational Excellence	*	*	provide capacity of 4.8 million documents. documents must be available for case preparation and submission as exhibits in order to meet 3-4 yr proceeding time limit.	3.7 million documents have been indexed	capacity of 4.8 million documents.	pending
2011	Organizational Excellence	*	*	conduct 100% of document discovery electronically via internet access in order to reduce time and resources needed by parties to prepare for and effectively participate in proceeding.	currently 10% of the discovery is conducted electronically	conduct 100% of the high-level waste hearing process electronically vice in paper.	pending
2011	Organizational Excellence	*	*	ensure less than 4 hours downtime against schedule. Isn availability ties directly to achieving hearing in 3-4 yr congressionally mandated timeframe. each day Isn is unavailable,	99.4% uptime for subscribers of the Isn system	100% uptime for subscribers of the Isn system during business hours (6am to 9pm est).	pending

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				another day is added to the hearing schedule.			
2012	Organizational Excellence	*	*	allow 100% of the participant collections to be available to other parties throughout proceeding. non-availability adds day-for-day duration to proceeding. continued availability shortens proceeding needed to grant license.	this is a first of a time case therefore no baseline has been established.	allow Isn participants to maintain certification of their document collections throughout the three year hearing.	pending
2012	Organizational Excellence	*	*	provide capacity of 5 million documents. documents must be available for case preparation and submission as exhibits in order to meet 3-4 yr proceeding time limit.	3.7 million documents have been indexed	capacity of 5 million documents.	pending
2012	Organizational Excellence	*	*	conduct 100% of document discovery electronically via internet access in order to reduce time and resources needed by parties to prepare for and effectively participate in proceeding.	currently 10% of the discovery is conducted electronically	conduct 100% of the high-level waste hearing process electronically vice in paper.	pending
2012	Organizational Excellence	*	*	ensure less than 4 hours downtime against schedule. Isn availability ties directly to achieving hearing in 3-4 yr congressionally mandated timeframe. each day Isn is unavailable, another day is added to the hearing	99.4% uptime for subscribers of the Isn system	100% uptime for subscribers of the Isn system during business hours (6am to 9pm est).	pending

Table 1: Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
				schedule.			

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
Design Phase	\$2.9	\$2.9	2000-12-15	2000-12-15	2002-01-15	2002-01-15	100.00%	100.00%
General Maintenance & Operations Phase I	\$1.2	\$1.2	2002-01-16	2002-01-16	2003-01-15	2003-01-15	100.00%	100.00%
Improve Spider Speed	\$0.1	\$0.1	2003-09-03	2003-09-03	2003-10-15	2003-10-15	100.00%	100.00%
Re-Engineer to Triple Capacity	\$1.3	\$1.3	2003-10-15	2003-10-15	2004-02-13	2004-02-13	100.00%	100.00%
General Maintenance & Operations Phase II	\$1.2	\$1.2	2003-01-16	2003-01-16	2004-01-15	2004-01-15	100.00%	100.00%
General Maintenance & Operations Phase III	\$1.6	\$1.6	2004-01-16	2004-01-16	2005-01-15	2005-01-15	100.00%	100.00%
Increase Capacity from 4M Docs to 5M	\$0.4	\$0.4	2005-01-03	2005-01-03	2005-09-02	2005-09-02	100.00%	100.00%
General Maintenance & Operations Phase IV	\$2.0	\$2.0	2005-01-16	2005-01-16	2006-07-13	2006-07-13	100.00%	100.00%
General Maintenance & Operations Phase V	\$1.7	\$1.7	2006-07-14	2006-07-14	2007-07-13	2007-07-13	100.00%	100.00%
General Maintenance & Operations Phase VI	\$1.6	\$1.6	2007-07-14	2007-07-14	2008-07-13	2008-07-13	100.00%	100.00%
Contingency Plan Test	\$0.0	\$0.0	2009-05-01	2009-05-01	2009-06-01	2009-06-01	100.00%	100.00%
Test Security Controls	\$0.0	\$0.0	2009-05-01	2009-05-01	2009-07-01	2009-07-01	100.00%	100.00%
General Maintenance & Operations Phase VII	\$1.5	\$1.5	2008-07-14	2008-07-14	2009-07-13	2009-07-13	100.00%	100.00%
Contingency Plan Test FY 10	*	*	2010-05-01		2010-06-01		0.00%	0.00%
Test Security Controls FY 10	*	*	2010-05-01		2010-07-01		0.00%	0.00%
General Maintenance & Operations Phase VIII	\$1.2	\$0.0	2009-07-14	2009-07-14	2010-07-13		12.50%	12.50%

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
Complete FISMA Security Certification & Accreditation	*	*	2010-06-01		2010-09-30		0.00%	0.00%
Contingency Plan Test FY11	*	*	2011-05-01		2011-06-01		0.00%	0.00%
Test Security Controls FY11	*	*	2011-05-01		2011-07-01		0.00%	0.00%
General Maintenance & Operations Phase IX	*	*	2010-07-14		2011-07-13		0.00%	0.00%
Contingency Plan Test FY12	*	*	2012-05-01		2012-06-01		0.00%	0.00%
Test Security Controls FY12	*	*	2012-05-01		2012-07-01		0.00%	0.00%
General Maintenance & Operations Phase X	*	*	2011-07-14		2012-07-13		0.00%	0.00%
General Maintenance & Operations Phase XI	*	*	2012-07-14		2012-09-30		0.00%	0.00%

* - Indicates data is redacted.