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:	9/10/2007
2. Agency:	Department of Energy
3. Bureau:	Environmental And Other Defense Activities
4. Name of this Capital Asset:	RW DOE Licensing Support Network (LSN)
5. Unique Project (Investment) Identifier: (For IT investment only, see section 53. For all other, use agency ID system.)	019-10-01-20-01-1014-00
6. What kind of investment will this be in FY2009? (Please NOTE: Investments moving to O&M in FY2009, with Planning/Acquisition activities prior to FY2009 should not select O&M. These investments should indicate their current status.)	Operations and Maintenance
7. What was the first budget year this investment was submitted to OMB?	FY2001 or earlier

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:

The LSN is a first and one-of-a-kind licensing support system; it is not replacing any existing system. As part of the U.S. Department of Energy (DOE), the Office of Civilian Radioactive Waste Management (OCRWM) is responsible for managing the disposal of the nation's spent nuclear fuel and high-level radioactive waste. The Nuclear Waste Policy Act (NWPA), enacted by Congress in 1982 and amended in 1987, established a process for the development of a geologic repository for the disposal of spent nuclear fuel and high-level radioactive waste at Yucca Mountain, NV. Within this Act, the Nuclear Regulatory Commission (NRC) is required to consider the DOE License Application for construction authorization and to issue a final decision within three years. The NRC has never reviewed a license application for a Federal high-level waste repository before and the number of parties participating in the proceedings will be large, each of whom will have to provide their documentary material. Therefore, to issue a final decision within three years, the NRC has required the creation of an automated electronic system by the NRC for document discovery and retrieval to speed up the normally lengthy discovery process associated with licensing. If such a system were not created, past NRC experience suggests that the proceedings could take up to seven years to complete, more than twice the mandated timeframe. Since the development and the loading of the DOE LSN is a regulatory requirement, it is not associated with the e-rulemaking initiative. The LSN is identified in the DOE Enterprise Architecture Transition Plan on page 103 section 2.2.9.5.1.

9. Did the Agency's Executive/Investment Committee approve this request?	Yes
a. If "yes," what was the date of this approval?	8/24/2006
10. Did the Project Manager review this Exhibit?	Yes
11. Contact information of Project Manager?	
Name	Larson, Ned (day to day manager is Dong Kim)
Phone Number	702-794-1454
Email	Ned.Larson@rw.doe.gov
a. What is the current FAC-P/PM certification level of the project/program manager?	TBD
12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project?	Yes
a. Will this investment include electronic assets (including computers)?	Yes
b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)	No
1. If "yes," is an ESPC or UESC being used to help fund this investment?	No

2. If "yes," will this investment meet sustainable design principles?	No
3. If "yes," is it designed to be 30% more energy efficient than relevant code?	
13. Does this investment directly support one of the PMA initiatives?	Yes
If "yes," check all that apply:	Expanded E-Government
a. Briefly and specifically describe for each selected how this asset directly supports the identified initiative(s)? (e.g. If E-Gov is selected, is it an approved shared service provider or the managing partner?)	The DOE LSN System provides the ability to electronically disseminate information to Affected Units of Government, Indian Tribes and the public. The LSN is intended to improve the NRC's ability to review the DOE License Application within a three-year period and electronically provide access to licensing relevant materials to interested parties. The LSN directly supports the eGov goal of improved Government Service Delivery.
14. Does this investment support a program assessed using the Program Assessment Rating Tool (PART)? (For more information about the PART, visit www.whitehouse.gov/omb/part.)	Yes
a. If "yes," does this investment address a weakness found during a PART review?	No
b. If "yes," what is the name of the PARTed program?	Yucca Mountain Project
c. If "yes," what rating did the PART receive?	Adequate
15. Is this investment for information technology?	Yes

If the answer to Question 15 is "Yes," complete questions 16-23 below. If the answer is "No," do not answer questions 16-23.

For information technology investments only:

16. What is the level of the IT Project? (per CIO Council PM Guidance)	Level 3
17. What project management qualifications does the Project Manager have? (per CIO Council PM Guidance)	(1) Project manager has been validated as qualified for this investment
18. Is this investment or any project(s) within this investment identified as "high risk" on the Q4 - FY 2007 agency high risk report (per OMB Memorandum M-05-23)	No
19. Is this a financial management system?	No
a. If "yes," does this investment address a FFMIA compliance area?	
1. If "yes," which compliance area:	
2. If "no," what does it address?	
b. If "yes," please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A-11 section 52	

20. What is the percentage breakout for the total FY2009 funding request for the following? (This should total 100%)

Hardware	0
Software	0
Services	100
Other	0
21. If this project produces information dissemination products for the public, are these products published to the Internet in conformance with OMB Memorandum 05-04 and included in your agency inventory, schedules and priorities?	N/A

22. Contact information of individual responsible for privacy related questions:

Name	Lopez, Abel
Phone Number	202-586-5955
Title	Freedom of Information Act and Privacy Officer
E-mail	Abel.lopez@hq.doe.gov

23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval? Yes

Question 24 must be answered by all Investments:

24. Does this investment directly support one of the GAO High Risk Areas? No

Section B: Summary of Spending (All Capital Assets)

1. Provide the total estimated life-cycle cost for this investment by completing the following table. All amounts represent budget authority in millions, and are rounded to three decimal places. Federal personnel costs should be included only in the row designated "Government FTE Cost," and should be excluded from the amounts shown for "Planning," "Full Acquisition," and "Operation/Maintenance." The "TOTAL" estimated annual cost of the investment is the sum of costs for "Planning," "Full Acquisition," and "Operation/Maintenance." For Federal buildings and facilities, life-cycle costs should include long term energy, environmental, decommissioning, and/or restoration costs. The costs associated with the entire life-cycle of the investment should be included in this report.

Table 1: SUMMARY OF SPENDING FOR PROJECT PHASES (REPORTED IN MILLIONS) (Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)								
	PY-1 and earlier	PY 2007	CY 2008	BY 2009	BY+1 2010	BY+2 2011	BY+3 2012	BY+4 and beyond	Total
Planning:	14.322	0	0	0					
Acquisition:	32.18	0	0	0					
Subtotal Planning & Acquisition:	46.502	0	0	0					
Operations & Maintenance:	78.117	27.300	19.000	17.300					
TOTAL:	124.619	27.300	19.000	17.300					
Government FTE Costs should not be included in the amounts provided above.								
Government FTE Costs	1.236	0.308	0.323	0.339					
Number of FTE represented by Costs:	7	2	2	2					

Note: For the multi-agency investments, this table should include all funding (both managing partner and partner agencies). Government FTE Costs should not be included as part of the TOTAL represented.

2. Will this project require the agency to hire additional FTE's? No

    a. If "yes," How many and in what year?

3. If the summary of spending has changed from the FY2008 President's budget request, briefly explain those changes:

The purpose of the LSN is not to improve, replace, or to satisfy any existing system. The LSN is a licensing discovery database that must satisfy 10 CFR 2 Subpart J and provide all potentially relevant DOE documentary material to the NRC and other interested parties for their review prior and during the high-level waste hearing process. The volume of documentary material has increased and the various reviews for identifying homeland security, legal, and privacy information have increased. However, the reviews are becoming more efficient. The OCRWM Program has changed the design for storage canisters, which has resulted in a delay in the schedule for when the DOE will be submitting the LSN Certification to the NRC. In addition, DOE Legal Counsel has requested that other documentary material be reviewed and, if found to be relevant, added to the OCRWM LSN. These actions have delayed the LSN Certification and have added costs onto the estimated OCRWM LSN life-cycle costs without making any change to the IT design or operations. As defined in the regulations, the LSN is a system that makes documentary material available electronically. The NRC is sponsoring and has designed the system to provide search capability and access, by way of an Internet portal, to the documentary material from each participant's servers. Although sponsored and designed by the NRC, DOE is responsible for developing and maintaining their system and server that will hold all of their documentary material. The majority of the LSN budget, more than 95%, is for collecting, processing, reviewing, and converting potential documentary. Additional reviews have been implemented to ensure Homeland security, legal issues, as well as Cyber security issues are handled properly.

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

1. Complete the table for all (including all non-Federal) contracts and/or task orders currently in place or planned for this investment. Total Value should include all option years for each contract. Contracts and/or task orders completed do not need to be included.

Exhibit 300: RW DOE Licensing Support Network (LSN) (Revision 11)

Contracts/Task Orders Table: * Costs in millions

Contract or Task Order Number	Type of Contract/ Task Order	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)	Does the contract include the required security & privacy clauses? (Y/N)	Name of CO	CO Contact information (phone/email)	Contracting Officer Certification Level (Level 1,2,3,N/A)	If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition? (Y/N)
CACI-DE-AI28-03RW12194/A000	Interagency Agreement	Yes	1/24/2003	1/24/2003	9/30/2007	108.391	Yes	Yes	Yes	NA	Yes	Yes	Hamilton-Ray, Birdie	702-794-5586 / birdie.hamilton-ray@rw.doe.gov	Level 3	
M&O-DE-AC28-01RW12101	M&O	Yes	11/14/2000	2/11/2001	3/31/2008	21.765	No	Yes	Yes	NA	Yes	Yes	Hamilton-Ray, Birdie	702-794-5586 / birdie.hamilton-ray@rw.doe.gov	Level 3	
MTS-DE-AC28-02RW12152-LSN Task	Cost Reimbursement	Yes	6/13/2002	6/16/2002	1/31/2008	7.491	No	Yes	Yes	NA	Yes	Yes	Hamilton-Ray, Birdie	702-794-5586 / birdie.hamilton-ray@rw.doe.gov	Level 3	
ISRI-DE-AC28-04RW12230	Cost Reimbursement	Yes	10/1/2003	10/1/2003	4/30/2008	5.885	No	No	Yes	NA	Yes	Yes	Peterson, Spencer R	702-794-5521 / spencer.peterson@rw.doe.gov	Level 3	
Lead Lab-DOE-NNSA-DEAC04-94AL850000 SNL M244	Cost Reimbursement	Yes	10/1/1993	10/1/1993	9/30/2010	6.013	No	Yes	Yes	NA	Yes	Yes	Hamilton-Ray, Birdie	702-794-5586 / birdie.hamilton-ray@rw.doe.gov	Level 3	
Hunton & Williams with Office of General Counsel	Cost Reimbursement	Yes	4/1/2004	4/1/2004	9/30/2011	12.08	No	Yes	Yes	NA	Yes	Yes	Hamilton-Ray, Birdie	702-794-5586 / birdie.hamilton-ray@rw.doe.gov	Level 3	

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. Do the contracts ensure Section 508 compliance?　　No

　　a. Explain why:　　The contractors are taking existing documents and placing them on the DOE LSN server. They are not required to create 508 compliant documents for documents developed prior to the 508 implementation date.

4. Is there an acquisition plan which has been approved in accordance with agency requirements?　　Yes

　　a. If "yes," what is the date?　　10/1/2002

　　b. If "no," will an acquisition plan be developed?　　No

　　　　1. If "no," briefly explain why:　　There is an agency approved acquisition plan for LSN, it is dated 10/1/2002. The acquisition Plan was to obtain a qualified contractor through the DOJ to implement the LSN for the DOE and that has not changed. The scope and priorities have not changed. The current plans are reflected in the LSN Project Execution Plan Rev 3, August 2006. An Acquisition Plan is being developed as a part of the inter-agency agreement between the DOE and DOJ to continue the LSN contractor.

Section D: Performance Information (All Capital Assets)

In order to successfully address this area of the exhibit 300, performance goals must be provided for the agency and be linked to the annual performance plan. The investment must discuss the agency's mission and strategic goals, and performance measures (indicators) must be provided. These goals need to map to the gap in the agency's strategic goals and objectives this investment is designed to fill. They are the internal and external performance benefits this investment is expected to deliver to the agency (e.g., improve efficiency by 60 percent, increase citizen participation by 300 percent a year to achieve an overall citizen participation rate of 75 percent by FY 2xxx, etc.). The goals must be clearly measurable investment outcomes, and if applicable, investment outputs. They do not include the completion date of the module, milestones, or investment, or general goals, such as, significant, better, improved that do not have a quantitative or qualitative measure.

Agencies must use the following table to report performance goals and measures for the major investment and use the Federal Enterprise Architecture (FEA) Performance Reference Model (PRM). Map all Measurement Indicators to the corresponding "Measurement Area" and "Measurement Grouping" identified in the PRM. There should be at least one Measurement Indicator for each of the four different Measurement Areas (for each fiscal year). The PRM is available at www.egov.gov. The table can be extended to include performance measures for years beyond FY 2009.

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2006	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Customer Results	Service Accessibility	Access	Continue to provide 24/7 uptime and to maintain and manage the files on the external server which is being crawled daily by the NRC and the images are provided to users of the LSN.	Program Baseline	Provide 99% availability and accessibility to documentary material on the OCRWM LSN.	The documents released in the initial release were available 100% of the time.
2006	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Processes and Activities	Cycle Time and Resource Time	Timeliness	Process and place onto the DOE LSN all of the documents received within 60 days of receipt.	Program Baseline	Process and place onto the DOE LSN 95% of the documents received within 60 days of receipt.	99% of the documents were processed. The remaining will be incorporated into the 3rd level legal review as defined by the 2 CMO issued by the NRC PAPO Board.
2007		Customer Results	Customer Benefit	Customer Complaints				
2007	GOAL 1.2 Environmental	Customer Results	Service Accessibility	Access	Continue to provide 24/7	Program Baseline	Provide 99% availability and	YTD all documents have

Performance Information Table								
Fiscal Year	**Strategic Goal(s) Supported**	**Measurement Area**	**Measurement Category**	**Measurement Grouping**	**Measurement Indicator**	**Baseline**	**Target**	**Actual Results**
	Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.				uptime and to maintain and manage the files on the external server which is being crawled daily by the NRC and the images are provided to users of the LSN.		accessibility to documentary material on the OCRWM LSN.	been available 100% of the time. A second release in April 2007 made 3.4 million documents available to the NRC LSN.
2007	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Mission and Business Results	Litigation and Judicial Activities	Legal Defense	Compliance with Nuclear Regulatory Commission Regulation 10 CFR Part 2 Subpart J.	Program Baseline	100% LSN-relevant information uploaded	TBD
2007	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Processes and Activities	Cycle Time and Resource Time	Timeliness	Process and place onto the DOE LSN all of the documents received within 60 days of receipt.	Program Baseline	Process and place onto the DOE LSN 97% of the documents received within 60 days of receipt.	YTD, 97% of the documents have been provided.
2007	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Technology	Information and Data	External Data Sharing	Having data easily accessible for NRC discovery process.	Program Baseline	Rapid response to NRC requests for information.	TBD
2008	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Customer Results	Service Accessibility	Access				
2008	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from	Mission and Business Results	Litigation and Judicial Activities	Legal Defense				

Performance Information Table								
Fiscal Year	**Strategic Goal(s) Supported**	**Measurement Area**	**Measurement Category**	**Measurement Grouping**	**Measurement Indicator**	**Baseline**	**Target**	**Actual Results**
	our energy production and use.							
2008	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Processes and Activities	Cycle Time and Resource Time	Timeliness				
2008	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Technology	Information and Data	External Data Sharing				
2009	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Customer Results	Service Accessibility	Access				
2009	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Mission and Business Results	Litigation and Judicial Activities	Legal Defense				
2009	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Processes and Activities	Cycle Time and Resource Time	Timeliness				
2009	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other	Technology	Information and Data	External Data Sharing				

	Performance Information Table							
Fiscal Year	**Strategic Goal(s) Supported**	**Measurement Area**	**Measurement Category**	**Measurement Grouping**	**Measurement Indicator**	**Baseline**	**Target**	**Actual Results**
	environmental impacts (water use, land use, criteria pollutants) from our energy production and use.							
2010	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Customer Results	Service Accessibility	Access				
2010	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Mission and Business Results	Litigation and Judicial Activities	Legal Defense				
2010	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Processes and Activities	Cycle Time and Resource Time	Timeliness				
2010	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Technology	Information and Data	External Data Sharing				
2011	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Customer Results	Service Accessibility	Access				
2011	GOAL 1.2 Environmental	Mission and Business Results	Litigation and Judicial Activities	Legal Defense				

Performance Information Table								
Fiscal Year	**Strategic Goal(s) Supported**	**Measurement Area**	**Measurement Category**	**Measurement Grouping**	**Measurement Indicator**	**Baseline**	**Target**	**Actual Results**
	Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.							
2011	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Processes and Activities	Cycle Time and Resource Time	Timeliness				
2011	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Technology	Information and Data	External Data Sharing				
2012	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Customer Results	Service Accessibility	Access				
2012	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Mission and Business Results	Litigation and Judicial Activities	Legal Defense				
2012	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from	Processes and Activities	Cycle Time and Resource Time	Timeliness				

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	our energy production and use.							
2012	GOAL 1.2 Environmental Impacts of Energy – Reduce greenhouse gas emissions and other environmental impacts (water use, land use, criteria pollutants) from our energy production and use.	Technology	Information and Data	External Data Sharing				

Section E: Security and Privacy (IT Capital Assets only)

In order to successfully address this area of the business case, each question below must be answered at the system/application level, not at a program or agency level. Systems supporting this investment on the planning and operational systems security tables should match the systems on the privacy table below. Systems on the Operational Security Table must be included on your agency FISMA system inventory and should be easily referenced in the inventory (i.e., should use the same name or identifier).

For existing Mixed-Life Cycle investments where enhancement, development, and/or modernization is planned, include the investment in both the "Systems in Planning" table (Table 3) and the "Operational Systems" table (Table 4). Systems which are already operational, but have enhancement, development, and/or modernization activity, should be included in both Table 3 and Table 4. Table 3 should reflect the planned date for the system changes to be complete and operational, and the planned date for the associated C&A update. Table 4 should reflect the current status of the requirements listed. In this context, information contained within Table 3 should characterize what updates to testing and documentation will occur before implementing the enhancements; and Table 4 should characterize the current state of the materials associated with the existing system.

All systems listed in the two security tables should be identified in the privacy table. The list of systems in the "Name of System" column of the privacy table (Table 8) should match the systems listed in columns titled "Name of System" in the security tables (Tables 3 and 4). For the Privacy table, it is possible that there may not be a one-to-one ratio between the list of systems and the related privacy documents. For example, one PIA could cover multiple systems. If this is the case, a working link to the PIA may be listed in column (d) of the privacy table more than once (for each system covered by the PIA).

The questions asking whether there is a PIA which covers the system and whether a SORN is required for the system are discrete from the narrative fields. The narrative column provides an opportunity for free text explanation why a working link is not provided. For example, a SORN may be required for the system, but the system is not yet operational. In this circumstance, answer "yes" for column (e) and in the narrative in column (f), explain that because the system is not operational the SORN is not yet required to be published.

Please respond to the questions below and verify the system owner took the following actions:

1. Have the IT security costs for the system(s) been identified and integrated into the overall costs of the investment:

    a. If "yes," provide the "Percentage IT Security" for the budget year:

2. Is identifying and assessing security and privacy risks a part of the overall risk management effort for each system supporting or part of this investment.

3. Systems in Planning and Undergoing Enhancement(s), Development, and/or Modernization - Security Table(s):			
Name of System	Agency/ or Contractor Operated System?	Planned Operational Date	Date of Planned C&A update (for existing mixed life cycle systems) or Planned Completion Date (for new systems)

4. Operational Systems - Security Table:							
Name of System	Agency/ or Contractor Operated System?	NIST FIPS 199 Risk Impact level (High, Moderate, Low)	Has C&A been Completed, using NIST 800-37? (Y/N)	Date Completed: C&A	What standards were used for the Security Controls tests? (FIPS 200/NIST 800-53, NIST 800-26, Other, N/A)	Date Complete(d): Security Control Testing	Date the contingency plan tested

4. Operational Systems - Security Table:

Name of System	Agency/ or Contractor Operated System?	NIST FIPS 199 Risk Impact level (High, Moderate, Low)	Has C&A been Completed, using NIST 800-37? (Y/N)	Date Completed: C&A	What standards were used for the Security Controls tests? (FIPS 200/NIST 800-53, NIST 800-26, Other, N/A)	Date Complete(d): Security Control Testing	Date the contingency plan tested
LSN							

5. Have any weaknesses, not yet remediated, related to any of the systems part of or supporting this investment been identified by the agency or IG?

    a. If "yes," have those weaknesses been incorporated into the agency's plan of action and milestone process?

6. Indicate whether an increase in IT security funding is requested to remediate IT security weaknesses?

    a. If "yes," specify the amount, provide a general description of the weakness, and explain how the funding request will remediate the weakness.

7. How are contractor security procedures monitored, verified, and validated by the agency for the contractor systems above?

8. Planning & Operational Systems - Privacy Table:

(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation
LSN	No	No	The system does not collect information from the public.	No	The system is not a Privacy Act system of record.

Details for Text Options:
Column (d): If yes to (c), provide the link(s) to the publicly posted PIA(s) with which this system is associated. If no to (c), provide an explanation why the PIA has not been publicly posted or why the PIA has not been conducted.

Column (f): If yes to (e), provide the link(s) to where the current and up to date SORN(s) is published in the federal register. If no to (e), provide an explanation why the SORN has not been published or why there isn't a current and up to date SORN.

Note: Working links must be provided to specific documents not general privacy websites. Non-working links will be considered as a blank field.

Section F: Enterprise Architecture (EA) (IT Capital Assets only)

In order to successfully address this area of the capital asset plan and business case, the investment must be included in the agency's EA and Capital Planning and Investment Control (CPIC) process and mapped to and supporting the FEA. The business case must demonstrate the relationship between the investment and the business, performance, data, services, application, and technology layers of the agency's EA.

1. Is this investment included in your agency's target enterprise architecture?   Yes

    a. If "no," please explain why?

2. Is this investment included in the agency's EA Transition Strategy?   Yes

    a. If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment.   RW DOE Licensing Support Network (LSN)

    b. If "no," please explain why?

3. Is this investment identified in a completed (contains a target architecture) and approved segment architecture?   No

    a. If "yes," provide the name of the segment architecture as provided in the agency's most recent annual EA Assessment.

4. Service Component Reference Model (SRM) Table:
Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to http://www.egov.gov.

Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
Content Publishing and Delivery	Digital Asset Services	Digital Asset Services	Content Management	Content Publishing and Delivery			No Reuse	
Content Review and Approval	Digital Asset Services	Digital Asset Services	Content Management	Content Review and Approval			No Reuse	
Document Conversion	Digital Asset Services	Digital Asset Services	Document Management	Document Conversion			No Reuse	
Document Referencing	Digital Asset Services	Digital Asset Services	Document Management	Document Referencing			No Reuse	
Library / Storage	Digital Asset Services	Digital Asset Services	Document Management	Library / Storage			No Reuse	

a. Use existing SRM Components or identify as "NEW". A "NEW" component is one not already identified as a service component in the FEA SRM.

b. A reused component is one being funded by another investment, but being used by this investment. Rather than answer yes or no, identify the reused service component funded by the other investment and identify the other investment using the Unique Project Identifier (UPI) code from the OMB Ex 300 or Ex 53 submission.

c. 'Internal' reuse is within an agency. For example, one agency within a department is reusing a service component provided by another agency within the same department. 'External' reuse is one agency within a department reusing a service component provided by another agency in another department. A good example of this is an E-Gov initiative service being reused by multiple organizations across the federal government.

d. Please provide the percentage of the BY requested funding amount used for each service component listed in the table. If external, provide the percentage of the BY requested funding amount transferred to another agency to pay for the service. The percentages in the column can, but are not required to, add up to 100%.

5. Technical Reference Model (TRM) Table:
To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and Service Specifications supporting this IT investment.

FEA SRM Component (a)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (b) (i.e., vendor and product name)
Content Publishing and Delivery	Component Framework	Presentation / Interface	Static Display	
Content Review and Approval	Component Framework	Security	Certificates / Digital Signatures	
Document Conversion	Service Access and Delivery	Access Channels	Web Browser	
Document Referencing	Service Access and Delivery	Access Channels	Web Browser	
Library / Storage	Service Access and Delivery	Service Requirements	Legislative / Compliance	

a. Service Components identified in the previous question should be entered in this column. Please enter multiple rows for FEA SRM Components supported by multiple TRM Service Specifications

b. In the Service Specification field, agencies should provide information on the specified technical standard or vendor product mapped to the FEA TRM Service Standard, including model or version numbers, as appropriate.

6. Will the application leverage existing components and/or applications across the Government (i.e., FirstGov, Pay.Gov, etc)?   Yes

a. If "yes," please describe.

The data on the DOE servers will be made available to the NRC LSN for search and retrieval of information.

Exhibit 300: Part III: For "Operation and Maintenance" investments ONLY (Steady State)

Section A: Risk Management (All Capital Assets)

Part III should be completed only for investments identified as "Operation and Maintenance" (Steady State) in response to Question 6 in Part I, Section A above.

You should have performed a risk assessment during the early planning and initial concept phase of this investment's life-cycle, developed a risk-adjusted life-cycle cost estimate and a plan to eliminate, mitigate or manage risk, and be actively managing risk throughout the investment's life-cycle.

1. Does the investment have a Risk Management Plan?	Yes
a. If "yes," what is the date of the plan?	6/15/2007
b. Has the Risk Management Plan been significantly changed since last year's submission to OMB?	No

    c. If "yes," describe any significant changes:

The Risk Management plan is now included within the LSN Execution Plan which was revised in June 2007

2. If there currently is no plan, will a plan be developed?

    a. If "yes," what is the planned completion date?

    b. If "no," what is the strategy for managing the risks?

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

1. Was operational analysis conducted?	Yes
a. If "yes," provide the date the analysis was completed.	6/30/2006

    b. If "yes," what were the results?

The LSN is operational on the DOE back-end as a document storage and retrieval system and is currently meeting internal performance expectations for the documentary material preparation process. Previously, in 2004, it was decided that the LSN Certification be sent to the NRC in June instead of 3/1/04. This decision resulted in three more months of activity and therefore a different estimated cost as reflected in Section III.B.1.b.

The LSN Project consists of 5 participants. Earned value metrics are maintained for each participant and the LSN Project as a whole. Currently, through June in FY07, the LSN Project has the following earned value metrics:

ACWP $19.1M
BCWS $20.0M
BCWP $19.2M
Schedule Performance Index - 0.96
Cost Performance Index - 1.01

    c. If "no," please explain why it was not conducted and if there are any plans to conduct operational analysis in the future:

2. Complete the following table to compare actual cost performance against the planned cost performance baseline. Milestones reported may include specific individual scheduled preventative and predictable corrective maintenance activities, or may be the total of planned annual operation and maintenance efforts).

    a. What costs are included in the reported Cost/Schedule Performance information (Government Only/Contractor Only/Both)?   Contractor and Government

    2.b Comparison of Plan vs. Actual Performance Table:

Comparison of Plan vs. Actual Performance Table							
Milestone Number	**Description of Milestone**	**Planned**		**Actual**		**Variance**	
		Completion Date (mm/dd/yyyy)	**Total Cost($M)**	**Completion Date (mm/dd/yyyy)**	**Total Cost($M)**	**Schedule (# days)**	**Cost($M)**
CAM2LN	DOE Submits LSN Certification Letter	3/1/2004	$44.11	6/29/2004	$48.475	-120	$-4.365
CAM2SL	DOE Submits LSN Certification	9/20/2007	$104.954				