

ORDER FOR SUPPLIES OR SERVICES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.		BPA NO.	
1. DATE OF ORDER 7/25/11		2. CONTRACT NO. (if any) NRC-03-10-081	
3. ORDER NO. T007		4. REQUISITION/REFERENCE NO. NRR-11-198; FAIMIS: 112857	
5. ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Valerie Whipple Washington, DC 20555 Mail Stop: TWB-01-B10M		6. SHIP TO: a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission b. STREET ADDRESS Linda Yee Mail Stop OWFN 13C05 c. CITY Washington d. STATE DC e. ZIP CODE 20555	
7. TO:		f. SHIP VIA	
a. NAME OF CONTRACTOR SOUTHWEST RESEARCH INSTITUTE		8. TYPE OF ORDER <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY	
b. COMPANY NAME		REFERENCE YOUR Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
c. STREET ADDRESS 6220 CULEBRA RD		Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
d. CITY SAN ANTONIO		e. STATE TX f. ZIP CODE 782385166	
9. ACCOUNTING AND APPROPRIATION DATA B&R: 2011-x0200-20-11-4-148 J4473 BOC: 252A APPN: 31X0200.120 \$15,000 FAIMIS: 112857 NRR-11-198 DUNS: 007936842		10. REQUISITIONING OFFICE NRR	
11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. EMERGING SMALLBUSINESS <input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED		12. F.O.B. POINT Destination	
13. PLACE OF a. INSPECTION b. ACCEPTANCE		14. GOVERNMENT B/L NO.	
		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) November 30, 2012	
		16. DISCOUNT TERMS Net 30	

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	<p>The Contractor shall provide services in accordance with the attached Statement of Work Entitled "Technical Assistance in Support of Reactor License Renewal and Environmental Evaluation Activities Related to Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation."</p> <p>Total CPFF amount: \$87,883; Optional Work: \$25,045; Total Possible: \$112,928</p> <p>Total obligated amount: \$15,000</p> <p>Period of Performance: Date of Award through September 28, 2012 with option to extend through June 30, 2013 should optional tasks be exercised.</p> <p>Technical Monitor: Robert Sun 301-415-3421 NRC Project Officer: Linda Yee 301-415-3072</p> <p>List of Attachments: Statement of Work</p> <p align="right">TOTAL TASK ORDER CEILING.....\$87,883 TOTAL TASK ORDER CEILING IF ALL OPTIONS EXERCISED.....\$112,928</p> <p>DUNS: 007936842 NAISC: 541690 PSC: R421</p>					

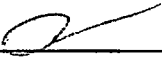
SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.	
	21. MAIL INVOICE TO:					
	a. NAME Department of Interior / NBC NRCPayments@nbc.gov				CPFF \$87,883 Current Ceiling	
	b. STREET ADDRESS (or P.O. Box) Attn: Fiscal Services Branch - D2770 7301 W. Mansfield Avenue				CPFF \$112,928 If all options exercised	
c. CITY Denver			d. STATE CO	e. ZIP CODE 80235-2230		

17(h) TOTAL (Cont. pages)
17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)	23. NAME (Typed) Valerie Whipple Contracting Officer TITLE: CONTRACTING/ORDERING OFFICER
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Please indicate your acceptance of this order by having an official who is authorized to bind your organization, execute this document in the space provided below.

ACCEPTED:

Signature:  _____

Name: **R.B. Kalmbach**

Title: **Executive Director, Contracts**

Date: **7/20/2011**

TASK ORDER TERMS AND CONDITIONS

1. CONSIDERATION AND OBLIGATION--COST PLUS FIXED FEE (JUN 1988) ALTERNATE I (JUN 1991)

(a) The total estimated cost to the Government for full performance of this contract is **\$87,883**, of which the sum of [REDACTED] represents the estimated reimbursable costs, and of which \$ [REDACTED] represents the fixed fee. In the event that the Government exercised optional tasks, the task order shall increase as follows:

Optional Task F: **\$5,908** [REDACTED]
Optional Task G: **\$19,137** [REDACTED]
Total: **\$25,045**

(b) There shall be no adjustment in the amount of the Contractor's fixed fee by reason of differences between any estimate of cost for performance of the work under this contract and the actual cost for performance of that work.

(c) The amount currently obligated by the Government with respect to this contract is **\$15,000**, of which the sum of [REDACTED] represents the estimated reimbursable costs, and of which [REDACTED] represents the fixed fee.

2. PERIOD OF PERFORMANCE

The period of performance of this order shall be **Date of Award** through **September 28, 2012** with the option to extend through **June 30, 2013**.

3. 52.217-6 OPTION FOR INCREASED QUANTITY (MAR 1989)

The Government may increase the quantity of supplies called for in the Schedule at the unit price specified. The Contracting Officer may exercise the option by written notice to the Contractor within the period of performance of the contract. Delivery of the added items shall continue at the same rate as the like items called for under the contract, unless the parties otherwise agree.

4. 2052.215-70 KEY PERSONNEL (JAN 1993)

(a) The following individuals are considered to be essential to the successful performance of the work hereunder:

<u>Name</u>	<u>Title</u>
[REDACTED]	Program Manager Principal Investigator

The contractor agrees that personnel may not be removed from the contract work or replaced without compliance with paragraphs (b) and (c) of this section.

(b) If one or more of the key personnel, for whatever reason, becomes, or is expected to become, unavailable for work under this contract for a continuous period exceeding 30 work days, or is expected to devote substantially less effort to the work than indicated in the proposal or initially anticipated, the contractor shall

immediately notify the contracting officer and shall, subject to the concurrence of the contracting officer, promptly replace the personnel with personnel of at least substantially equal ability and qualifications.

- (c) Each request for approval of substitutions must be in writing and contain a detailed explanation of the circumstances necessitating the proposed substitutions. The request must also contain a complete resume for the proposed substitute and other information requested or needed by the contracting officer to evaluate the proposed substitution. The contracting officer and the project officer shall evaluate the contractor's request and the contracting officer shall promptly notify the contractor of his or her decision in writing.
- (d) If the contracting officer determines that suitable and timely replacement of key personnel who have been reassigned, terminated, or have otherwise become unavailable for the contract work is not reasonably forthcoming, or that the resultant reduction of productive effort would be so substantial as to impair the successful completion of the contract or the service order, the contract may be terminated by the contracting officer for default or for the convenience of the Government, as appropriate. If the contracting officer finds the contractor at fault for the condition, the contract price or fixed fee may be equitably adjusted downward to compensate the Government for any resultant delay, loss, or damage.

5. 2052.215-78 TRAVEL APPROVALS AND REIMBURSEMENT -ALTERNATE 1 (OCT 1999)

- (a) Total expenditure for travel may not exceed \$2,765 without the prior approval of the contracting officer.
- (b) All foreign travel must be approved in advance by the NRC on NRC Form 445, Request for Approval of Official Foreign Travel, and must be in compliance with FAR 52.247-63 Preference for U.S. Flag Air Carriers. The contractor shall submit NRC Form 445 to the NRC no later than 30 days prior to the commencement of travel.
- (c) The contractor will be reimbursed only for those travel costs incurred that are directly related to this contract and which are allowable subject to the limitations prescribed in FAR 31.205-46.
- (d) It is the responsibility of the contractor to notify the contracting officer in accordance with the FAR Limitations of Cost clause of this contract when, at any time, the contractor learns that travel expenses will cause the contractor to exceed the travel ceiling amount identified in paragraph (a) of this clause.
- (e) Reasonable travel costs for research and related activities performed at State and nonprofit institutions, in accordance with Section 12 of Pub. L. 100-679, shall be charged in accordance with the contractor's institutional policy to the degree that the limitations of Office of Management and Budget (OMB) guidance are not exceeded. Applicable guidance documents include OMB Circular A-87, Cost Principles for State and Local Governments; OMB Circular A-122, Cost Principles for Nonprofit Organizations; and OMB Circular A-21, Cost Principles for Educational Institutions.

6. SEAT BELTS

Contractors, subcontractors, and grantees, are encouraged to adopt and enforce on-the-job seat belt policies and programs for their employees when operating company-owned, rented, or personally owned vehicles.

7. WHISTLEBLOWER PROTECTION FOR NRC CONTRACTOR AND SUBCONTRACTOR EMPLOYEES (JULY 2006)

- (a) The U.S. Nuclear Regulatory Commission (NRC) contractor and its subcontractor are subject to the Whistleblower Employee Protection public law provisions as codified at 42 U.S.C. 5851. NRC contractor(s)

and subcontractor(s) shall comply with the requirements of this Whistleblower Employee Protection law, and the implementing regulations of the NRC and the Department of Labor (DOL). See, for example, DOL Procedures on Handling Complaints at 29 C.F.R. Part 24 concerning the employer obligations, prohibited acts, DOL procedures and the requirement for prominent posting of notice of Employee Rights at Appendix A to Part 24.

(b) Under this Whistleblower Employee Protection law, as implemented by regulations, NRC contractor and subcontractor employees are protected from discharge, reprisal, threats, intimidation, coercion, blacklisting or other employment discrimination practices with respect to compensation, terms, conditions or privileges of their employment because the contractor or subcontractor employee(s) has provided notice to the employer, refused to engage in unlawful practices, assisted in proceedings or testified on activities concerning alleged violations of the Atomic Energy Act of 1954 (as amended) and the Energy Reorganization Act of 1974 (as amended).

(c) The contractor shall insert this or the substance of this clause in any subcontracts involving work performed under this contract.

STATEMENT OF WORK

Project Title: Technical Assistance in Support of Reactor License Renewal and Environmental Evaluation Activities Related to Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation

Job Code: J-4473

Task Area: Peer Review of SER, ACRS support, ASLBP support

Task Order #: Seven (7) - Limerick Generating Station, Unit 1 and Unit 2 (Safety Review)

Budget Structure Code: 2011-x0200-20-11-4-148

NRC Issuing Office: Office of Nuclear Reactor Regulation

NRC Project Officer: Linda Yee, 301-415-3072, Linda.Yee@nrc.gov

NRC Technical Monitor: Robert Sun, 301-415-3421, Robert.Sun@nrc.gov

Fee Recoverable: Yes

TAC Numbers: Limerick Generating Station Unit 1- Safety - TBD
Limerick Generating Station Unit 2- Safety - TBD

Performing Organization: Center for Nuclear Waste Regulatory Analyses

1.0 Background

U.S. Nuclear Regulatory Commission's (NRC's) Office of Nuclear Reactor Regulation (NRR) is responsible for ensuring the public health and safety through licensing and inspection activities at all commercial nuclear power reactor facilities in the United States. Evaluation of License Renewal Applications (LRAs) is performed by the Division of License Renewal (DLR). DLR performs its work in accordance with the requirements of Title 10 of the *Code of Federal Regulations*, Part 54 (10 CFR Part 54), "Requirements for Renewal of Operating Licenses for Nuclear Power Plants." In addition, DLR uses guidance provided in NUREG-1800, "Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants", Revision 2 (SRP-LR), dated December 2010 and in NUREG-1801, "Generic Aging Lessons Learned Report," Revision 2 (GALL Report) also dated December 2010. The NRC staff is seeking technical assistance in the peer review of LRAs in the area of corrosion/materials engineering.

2.0 Objective

The objective of this contract is to provide technical peer review support in the area of corrosion/materials engineering to the DLR project team in reviewing and evaluating the operating license renewal application of Limerick Generating Station, Unit 1 and 2.

3.0 Scope of Work

The project team, composed of the Center for Nuclear Waste Regulatory Analyses (CNWRA or Center) and NRC staff, will audit and review aging management programs (AMPs), aging management reviews (AMRs), and time-limited aging analyses (TLAAs) submitted by the applicant. The project team will be led by a plant Project Manager (PM). The Center shall provide subject matter technical experts (SMEs) knowledgeable and experienced in the area of corrosion/materials engineering and science applicable to license renewal activities. The Center will provide technical expertise and services on a task basis for task 5. The Center may provide technical expertise and services on this task order for two optional tasks (tasks 6, and 7) which include providing technical support for Advisory Committee on Reactor Safeguards (ACRS) meetings and technical support for Atomic Safety and Licensing Board Panel (ASLBP) hearings if directed to do so by the NRC Technical Monitor (TM) or Project Officer (PO).

For its AMP review, the project team evaluates and audits the AMPs the applicant proposes to ensure that they are consistent with the GALL Report and reviews other selected plant-specific AMPs. For the assigned task scope of work the project team reviews the applicant's aging management activities and programs to determine whether these AMPs are adequate to manage the effects of aging on systems, structures, and components so their intended functions will be maintained consistent with the plant's current licensing basis (CLB) during the proposed period of extended operation.

For its AMR review, the project team evaluates the AMRs assigned in work packages called technical review packages (TRPs). The TRP concept will be explained below.

For the TLAA review, the project team evaluates the information provided by the applicant addressing the GALL Report recommendations and plant-specific TLAAs and determines if the information provided meets the requirements of 10 CFR 54.21.

An important attribute of this statement of work (SOW) is to provide flexibility in support. DLR will have multiple license renewal applications being reviewed concurrently and intends to use a blend of NRC personnel with Center support. Therefore, the contract support will need to be flexible and integrated with DLR's needs. DLR will provide a clear delegation of responsibility before the work begins for this project/plant to prevent any duplication of effort.

The following table provides examples of corrosion/materials engineering areas Center support staff will be expected to review and/or audit. Each of these topical areas is referred to as a "technical review package." The TRP contains:

- Relevant SRP Sections
- AMRs that are not associated with a SRP section (Note E's)

- AMR line items (Non-note A–D)
- AMRs questioned by the plant project manager as to their consistency with the GALL Report
- Relevant AMPs
- Final Safety Analysis Report Supplement (Associated with AMPS/TLAAs to be verified by Technical Reviewer)
- GALL items where there was no associated aging effect claimed by the applicant

TLAAs will also be included in a TRP. TRPs are work packages that are developed to focus the reviewers on the specific areas for review. Audits are performed for the technical areas where the applicant claims consistency with the GALL Report. In some cases, the NRC staff or Center may not need to audit a TRP item because the items are not consistent with the GALL Report and will need to be technically reviewed. Items where there is a claim for consistency with GALL will be audited at the plant site. The project team will provide the audit write up, requests for additional information (RAIs) and safety evaluation report (SER) input for the audited items. Areas not audited will be reviewed, RAIs developed, and SER input provided.

The table below lists examples of TRPs in the corrosion/materials area for a typical license renewal application. The list may or may not reflect the final TRP assignments. The actual list of TRP assignments will be finalized at a later time.

Generic GALL Section	Description of Topical Areas	Expertise Needed	Audit(varies by plant)
XI.M2	Reactor Water Chemistry	Materials	Yes
XI.M10	Boric Acid Corrosion	Reactor Materials	Yes
XI.M11	Nickel-Alloy Penetration Nozzles Welded to the Upper Reactor Vessel Closure Heads of Pressurized Water Reactors	Reactor Materials	Yes
XI.M17	Flow Accelerated Corrosion	Materials	Yes
XI.M20	Open Cycle Cooling Water	Materials	Yes
XI.M21	Closed Cycle Cooling Water	Materials	Yes
XI.M24	Compressed Air	Materials	Yes
XI.M33	Selective Leaching of Materials	Materials	Yes
XI.M34	Buried Piping and Tanks Inspection	Materials	Yes
XI.M36	External Surfaces Monitoring Program	Materials	Yes
	Special topical areas (such as Diesel Exhaust Piping, Stress Corrosion Cracking, CASS, or Cast Austenitic Stainless Steel, as needed based on uniqueness of LRA)	Various	Maybe

If any work will be subcontracted or performed by consultants, the Center shall obtain the written approval of the subcontractor or consultant prior to initiation of the subcontract effort by the NRC PO or TM. Conflict of interest considerations shall apply to any subcontracted effort.

3.1 Task 1 - Technical Support for Safety Review

Not Applicable

3.2 Task 2 - Technical Support for Environmental Review

Not Applicable

3.3 Task 3 - Technical Support for Quality Assurance Review

Not Applicable

3.4 Task 4 - Technical Support for Work Packages

Not Applicable

3.5 Task 5 - Peer Review of Safety Evaluation Report

The Center project staff shall attend a project initiation meeting with NRC staff within 10 working days of award of the agreement. This meeting will take place via teleconference. Training will also occur via teleconference. The purpose of the initial meeting is to discuss and finalize the draft project plan provided in response to the agreement request for proposal. The NRC PO, NRC TM, and the Center's PM shall establish the elements of the final project plan, inclusive of deliverables, schedules, and staffing, and shall discuss expectations and objectives of the technical assistance, timeliness and quality of review products. The Center staff shall perform the review in accordance with the final project plan approved by the NRC TM. A copy of the final Project Plan shall be sent electronically to the NRC TM and PO for the task order.

The NRC TM will provide information on the work assignments, e.g., the split of work between the Center SMEs and other NRC technical staff. The Center shall provide qualified SME(s) to provide technical expertise to support an NRC-led project team audit. The purpose of the team audit is to determine whether the applicant has sufficient on-site documentation, as indicated in its LRA, to demonstrate that the AMPs, which are determined by the applicant to be consistent with the GALL Report or previously approved staff positions, are actually consistent. The Center shall participate in this audit by calling in to relevant break-out sessions, as identified by the NRC staff, held to discuss issues identified.

The Center shall perform the front end work associated with the preparation of audit and review. This work shall be performed at the Center's office immediately after the receipt of the task order for Limerick Generating Station, Unit 1 and 2. The SME(s) will assess the review sections provided in the TRPs, and provide input to their NRC counterpart regarding potential issues or RAIs that will be needed.

The Center shall provide peer review input on audit reports written by their NRC counterparts. The audit reports shall contain the LRA-specific information, extracted from the LRA, which are related to the audit. The audit report template will aid the SME(s) in the peer review of the assigned evaluation portion of the audit report. The NRC TM will provide a current copy of the writing guidelines and a recently-issued audit report. The Center staff shall peer review the draft audit report in accordance with the writing guidance provided, ensure the report is technically correct and complete, and provide input to their NRC counterpart on potential draft RAI's as a result of their review.

The Center shall provide qualified SME(s) to provide input to their NRC counterpart to help prepare formal requests for additional information (RAI), when determined appropriate, to obtain additional information to continue with the LRA safety review. The RAI shall cite the technical and regulatory basis for requesting the information.

The Center shall provide peer review input on draft and final SER input written by their NRC counterparts. SERs will be written in accordance with NRC review guidance, and shall be consistent with NUREG-0650, "Publishing Documents in the NUREG Series," NUREG-1379, "NRC Editorial Style Guide," Revision 2 and "Safety Evaluation Report (SER) Style Guide." In addition, the NRC TM will provide a current copy of any additional writing guidelines and a recently-issued SER. The Center staff shall peer review the draft and final SER input in accordance with the writing guidance provided, ensure the report is technically correct and complete, and provide input to their NRC counterpart on potential draft RAI's as a result of their review. The Center shall also review any related RAIs and RAI responses and take those into account when providing peer review to the SER section.

The Center shall develop and follow its quality control plan which outlines the procedures and system to be used for document version control, technical input tracking, change management, and technical and editorial reviews. The Center shall organize, track, and manage changes in a structured, systematic, and transparent manner, throughout the review of the draft and final SER.

The deliverable for this task is a marked (electronic) version of the assigned Audit Report, RAI, or SER section(s), with comments, as applicable and additional communication, if necessary, to clarify comments. The Center shall deliver the peer review to the NRC TM no later than 20 working days after assigned.

3.6 Task 6 - Advisory Committee on Reactor Safeguards Support (OPTIONAL - as directed by the TM)

The Center shall provide up to 20 person-hours of key personnel SME per meeting to support DLR staff during ACRS meetings (up to two meetings - subcommittee and final) to present the results of the LRA safety review. The activities may include, but are not limited to: providing information, preparing input for the staff's presentation, and participating in the dry run and the ACRS meeting. The ACRS meeting is normally held several months after the completion of the audit report and the SER inputs. The estimated effort should include refreshing of the specialist on the review and any technical issues. The dry run could be accomplished through telephone conference, if deemed acceptable by the NRC TM. A two-day trip to Rockville, Maryland shall be included in the estimate to support the ACRS meeting.

There is no formal deliverable for Task 6. The Center shall support for the preparation for the ACRS meeting, support services for the dry run, and support for the duration of the ACRS meetings at the NRC Headquarters.

3.7 Task 7- Atomic Safety and Licensing Board Panel Support (OPTIONAL - as directed by the TM)

The Center shall provide experienced and qualified technical experts (subject matter experts) to support DLR staff in preparation for and during ASLBP hearings (up to four hearings). The activities associated with this task may include, but are not limited to: replying to contentions, preparing for ASLBP hearings, and participating in those hearings by presenting the results of the LRA safety review and providing testimony in response to questions by the ASLBP.

The ASLBP hearings are normally held 12 months after the issuance of the final SER. The estimated effort should include refreshing of the specialist on the review and any technical issues. The preparation for the ASLBP hearings could be accomplished through telephone conference, if deemed acceptable by the NRC TM. A one-week trip to a town near the plant's location and 100 person-hours of work shall be included in the estimate to support the ASLBP meeting.

There is no formal deliverable for Task 7.

4.0 Technical and Other Special Qualifications Required

It is the responsibility of the Center to assign technical staff, employees, subcontractors, or specialists who have the required educational background, experience, or combination thereof to meet both the technical and regulatory objectives of the tasks specified in this SOW. The NRC will rely on representations made by the Center concerning the qualifications of the personnel assigned to this agreement, including assurance all information contained in the technical and cost proposal, including resumes, is accurate and truthful. The use of experienced personnel for the key positions on each task and technical review package under this project is essential to the success of the project.

The Center shall provide all necessary personnel, equipment, facilities and materials to accomplish the efforts placed under this contract. The use of particular personnel on this project is subject to the NRC TM's and PO's approval. This includes proposed changes to key personnel during the life of the contract.

The Center team shall consist of SMEs in corrosion/materials engineering and science capable of conducting the SOW including the following disciplines: corrosion, materials engineering, power plant engineering or equivalent disciplines, as applicable to license renewal activities. For the purpose of bidding, assume that either three or four Center SMEs from the required disciplines will participate in the assigned reviews and providing staff in other technical areas on an as-needed basis. It is expected the Center will review and comment on the sections of the SER provided by NRC staff. The NRC prepared sections will be incorporated in the camera-ready copies of the SER after the quality assurance and editing process of the sections are completed.

If any task will be subcontracted or performed by subcontractors or consultants, the Center shall obtain the NRC PO's written approval of the subcontractor or consultant prior to initiation of the subcontracted effort. Conflict of interest considerations shall apply to any subcontracted effort.

The subject matter experts will have demonstrated their expertise as documented in resumes, describing oral presentations at public meetings, professional conferences, management briefings, and providing expert testimony in hearings.

Compilation of information to conduct site audits and document findings in the draft SER may require extensive interviewing of stakeholders including power plant personnel and Federal, State, and local government officials. All stakeholder interactions shall be coordinated with the plant PM.

The SME shall:

- Provide technical expertise to complete the review of topical areas in technical review packages
- Provide technical expertise to assist in generating RAIs, as necessary to complete the final SER
- Provide technical expertise to assist in generating input into the audit report, SER with open items, and final SER
- Provide technical expertise to conduct a thorough peer review of assigned sections of RAIs, the audit report, SER with open items, and final SER

The Center shall assign the technical staff, employees, subcontractors, or specialists who have the required education background, work experiences, or a combination thereof to meet both the technical and regulatory objectives of the work specified in this SOW.

The Center shall ensure that each SME reviews and becomes familiar with the plant-specific LRA with emphasis on AMPs, AMRs, and TLAAs described in the technical review package. The Center shall ensure that each SME also reviews, for familiarization: (1) the audit report and (2) Sections 3 and 4 of a recently NRC issued SER (final SER or SER with open items), and the assigned TRP. The NRC TM will identify the specific audit reports and SERs for review.

5.0 Meetings and Travel

If the optional tasks are exercised, there will be travel of up to two days to the ACRS meeting in Rockville, Maryland and a two-day trip to a location near the site for a public meeting.

Routine status meetings (weekly to monthly) by the NRC TM and facilitator should be conducted using electronic means of Tele/Video - conferences or other means to minimize travel costs. Progress meetings will be quarterly during any active phase of this project, at the discretion of the NRC staff. Each of these meetings is expected to last less than 1 day. The Center should plan to make available key personnel assigned to active tasks during the course of these meetings. Periodically, a program review meeting, which involves NRC and Center management, will be held at the Center office to review overall program objectives and project performance; program reviews are typically held annually. In addition, meetings at NRC

- Headquarters and technical information gathering trips may be necessary and will be identified by the NRC TM. Specific meeting and travel requirements will be identified in the finalized project plan. Other travel will be confirmed with the NRC PO prior to commencement of the travel.

Meetings potentially requiring Contractor travel are summarized below.

<u>Topic</u>	<u>Location</u>	<u>Trips</u>	<u>Days</u>	<u>Contractor</u>
Optional Work:				
ACRS Meeting	Rockville, MD	1	2	1
Hearings/Public Meeting	Near site TBD	1	2	1

6.0 Financial and Technical Status Reports

The Center shall submit periodic technical and financial reports in accordance with the contract. The estimated staff effort should be recorded at the subtask level. The work accomplished and the degree of completeness should also be tracked by subtask. The reports are due within 15 calendar days after the end of the report period (i.e., each four week period). The NRC TM shall receive one copy of the periodic status report, and the NRC PO shall receive one copy. See the contract for further distribution requirements.

**APPENDIX A
SCHEDULE AND DELIVERABLES**

TASK	DELIVERABLE	SCHEDULE (working days)
5	Final Project Plan	No more than 10 working days after Project Kick Off Meeting
5	Technical review and assessment input through discussion with NRC Counterpart and Team Audit breakout session call	No less than 5 working days prior to NRC Team Audit, or as directed by NRC.
5	Peer Review - marked version of the Draft RAIs	No more than 5 working days after receipt from NRC
5	Peer Review - marked version of the assigned Audit Report sections	No more than 10 working days after receipt from NRC
5	Peer Review - marked version of the assigned Final SER input- with open items	No more than 20 working days after receipt from NRC
5	Peer Review - marked version of the assigned Final SER input- with no open items	No more than 5 working days after receipt from NRC