

ORDER FOR SUPPLIES OR SERVICES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

BPA NO.

1. DATE OF ORDER 3/9/10	2. CONTRACT NO. (If any) NRC-41-09-011	6. SHIP TO:		
3. ORDER NO. T010	MODIFICATION NO.	4. REQUISITION/REFERENCE NO. 41-09-011T010	a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission	
5. ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Valerie Whipple Mail Stop: TWB-01-B10M Washington, DC 20555			b. STREET ADDRESS Alan Bjornsen Mail Stop TWFN 8F5	
			c. CITY Washington	e. ZIP CODE 20555
7. TO:			f. SHIP VIA	

a. NAME OF CONTRACTOR SOUTHWEST RESEARCH INSTITUTE			8. TYPE OF ORDER		
b. COMPANY NAME			<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY		
c. STREET ADDRESS 6220 CULEBRA RD			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.		
d. CITY SAN ANTONIO			e. STATE TX	f. ZIP CODE 782385166	
9. ACCOUNTING AND APPROPRIATION DATA B&R: 0-5515-355-287 F1172 BOC: 252A APPN: 31X0200 FFS: 5510R033 \$82,513 DUNS: 007935842			10. REQUISITIONING OFFICE FSM		

11. BUSINESS CLASSIFICATION (Check appropriate box(es))				12. F.O.B. POINT Destination	
<input type="checkbox"/> a. SMALL	<input type="checkbox"/> b. OTHER THAN SMALL	<input type="checkbox"/> c. DISADVANTAGED	<input type="checkbox"/> g. SERVICE-DISABLED VETERAN-OWNED		
<input type="checkbox"/> d. WOMEN-OWNED	<input type="checkbox"/> e. HUBZone	<input type="checkbox"/> f. EMERGING SMALL BUSINESS			

13. PLACE OF		14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) April 30, 2011	16. DISCOUNT TERMS Net 30
a. INSPECTION	b. ACCEPTANCE			

17. SCHEDULE (See reverse for Rejections)

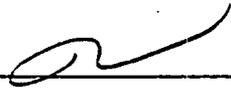
ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	The Contractor shall provide services in accordance with the attached Statement of Work Entitled "Technical Assistance for the Development of Final Environmental Assessment." Total task order ceiling: \$82,513 The total task order ceiling if all options exercised: \$103,792 The total obligated amount: \$82,513 The Period of Performance is Date of Award through December 15, 2010 NRC Project Officer: Edna Knox-Davin 301-415-6577 Technical Monitor: Alan Bjornsen 301-415-1195 List of Attachments: Statement of Work DUNS: 007936842					

18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.	17(h) TOTAL (Cont. pages)
21. MAIL INVOICE TO:			
a. NAME Department of Interior / NBC NRCPayments@nbc.gov			CPFF \$82,513
b. STREET ADDRESS (or P.O. Box) Attn: Fiscal Services Branch - D2770 7301 W. Mansfield Avenue			17(i). GRAND TOTAL
c. CITY Denver	d. STATE CO	e. ZIP CODE 80235-2230	
SEE BILLING INSTRUCTIONS ON REVERSE			\$103,792 w/option

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: March 08, 2010

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 **\$82,513**, 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 exercises its option, the total estimated cost will increase as follows:

Optional Task 5: **\$21,279**

(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 **\$82,513**, 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 December 15, 2010.

3. FAR 52.217-7 OPTION FOR INCREASED QUANTITY--SEPARATELY PRICED LINE ITEM (MAR 1989)

The Government may require the delivery of the numbered line item, identified in the Schedule as an option item, in the quantity and at the price stated in the Schedule. The Contracting Officer may exercise the option by written notice to the Contractor within the contract period of performance. Delivery of added items shall continue at the same rate that like items are 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>Position</u>
[REDACTED]	Project Manager
[REDACTED]	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. 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.

6. 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.

PROJECT TITLE: TECHNICAL ASSISTANCE FOR THE DEVELOPMENT OF FINAL ENVIRONMENTAL ASSESSMENT

TASK TITLE: TECHNICAL ASSISTANCE FOR THE DEVELOPMENT OF AN ENVIRONMENTAL ASSESSMENT FOR THE HEMATITE DECOMMISSIONING PROJECT

TASK ORDER NUMBER: 10
TASK AREA 2: Environmental Assessment Preparation (Water Resources)
JOB CODE: F1172
B&R NUMBER: 0-5515-355-287
ISSUING OFFICE: FSME
NRC TECHNICAL ASSISTANCE
NRC PROJECT OFFICER (PO): Edna Knox-Davin (301) 415-6577
NRC TECHNICAL PROJECT
MANAGER (TPM): Alan Bjornsen (301) 415-1195
FEE RECOVERABLE: Yes
TAC NUMBER: J52916
DOCKET NUMBER: 070-00036

1.0 BACKGROUND

The U.S. Nuclear Regulatory Commission (NRC) staff received an application from Westinghouse Electric Company LLC (Westinghouse) for the proposed decommissioning of the Hematite Fuel Cycle Facility located near Festus, MO. The Hematite Facility sits on 228 acres of land approximately ¾ miles northeast of the town of Hematite, MO. The facility was first licensed in 1956 and remained in operation until 2001. Throughout its existence, the facility has produced enriched uranium products to support government contracts as well as commercial fuel production plants.

As part of the proposed decommissioning of Hematite application, Westinghouse submitted an Environmental Report (ER). The proposed decommissioning activities include, among other things, remediation of contaminated soils, burial pit area, surface water (including sedimentation), monitoring of groundwater and transportation of waste to licensed facility. An NRC decision on the acceptability of the decommissioning plan will have to be supported by an appropriate evaluation of the environmental impacts and alternatives under the National Environmental Policy Act (NEPA) and NRC's requirements in 10 CFR Part 51. If the decommissioning plan is approved by NRC, Westinghouse plans to terminate its license (SNM-33) and allow the regulatory release of the Hematite site for future alternate use (unrestricted use).

2.0 OBJECTIVE

The objective of this task order is to obtain technical assistance with the development of the groundwater sections of draft and Final Environmental Assessment (EA), to complete the environmental review as outlined below under Section 4.0 Scope of Work and Deliverables.

3.0 STAFFING

The contractor shall ensure that the technical staff performing under this task order possess the necessary experience and expertise in the technical areas assigned to them. The NRC reserves the right to approve the Project Manager and the individual technical staff assigned to each task from the necessary technical disciplines. The contractor's Project Manager shall have in-depth expertise in groundwater and soil contamination issues discussed in the applicant's ER and has a general understanding of the range of issues covered by NRC NEPA reviews as outlined in NUREG-1748. The contractor's Project Manager shall have extensive experience in the technical and regulatory aspects necessary for evaluating the environmental impacts of decommissioning of industrial facilities that require reviews under NEPA and should have expertise

in methods used to mitigate groundwater impacts on the environment. The contractor's technical staff shall have expert experience to include greater than 5 years experience in conducting reviews in the specific technical area assigned and shall have an appropriate combination of education, training, and experience in areas required to complete an EA including, but not limited to, health physics, hydrology, and geology. Additionally, the contractor's technical staff shall have a clear understanding of the depth of review generally required by the NRC and specifically required by the type of activity proposed by the applicant for the disciplines they represent. The contractor's technical staff shall also have experience presenting technical information and be able to provide written and oral testimony at mandatory or adjudicatory hearings on the proposed actions as needed. The NRC considers the following technical staff to be essential for this effort:

1. Project Manager
2. Hydrologist/hydrogeologist
3. Geologist

4.0 SCOPE OF WORK AND DELIVERABLES

The contractor shall develop the water resources sections (which includes affected environment and environmental impacts to surface water and groundwater) of the EA, which the NRC will use to support decisions related to the decommissioning of the Hematite site, as described in Section 1.0. The water resources section shall be written in accordance with 10 CFR Part 51 and the guidance on NEPA reviews provided in NUREG-1748. The work conducted under this task order shall be subject to the project management requirements described in Section 5.0. The work required is described in detail below and in Appendix A.

4.1 TASK 1: COLLECT AND REVIEW INFORMATION INCLUDING SITE VISIT

SUBTASK 1-A - COLLECT AND REVIEW INFORMATION

The contractor shall gather and review previously collected and compiled information related to the proposed site and its environs (as it relates to water resources). The NRC TPM may also provide relevant information, including the current license application, ER, and the Safety Analysis Report (SAR). Subtask 1-A shall begin immediately upon award of the task order.

The NRC TPM shall provide a copy of potentially relevant documents as they are available. In addition to the information provided by the NRC TPM, the contractor is expected to utilize the NRC's Agencywide Documents Access and Management System (ADAMS) to identify other relevant documents to the project.

The contractor shall keep the NRC TPM informed (either via electronic mailing, phone call, or personal meeting) on a weekly basis and describe the information collected, reviewed, and analyzed under this task, including but not limited to: deficiencies found in applicant-submitted information (i.e., license application/ER); deficiencies elsewhere; and any portions of other environmental reviews in the vicinity of the proposed project that can be adopted/tiered/incorporated by reference into the EA.

The contractor shall include in development process any coordination necessary to cover laws and regulations other than NEPA. As identified by the NRC TPM, the contractor shall provide supporting information for NRC consultations with other agencies. Information resulting from consultations with other agencies will be provided to the contractor for use in the analysis, as well as summary and referencing in the document.

No formal deliverables are required under Subtask 1-A.

SUBTASK 1-B - SITE VISIT

The contractor shall visit the site as required by the NRC TPM. The NRC TPM shall coordinate the site visit with the applicant and shall request of the contractor, the necessary security information (e.g., name of individual, citizenship) of any contractor staff that will be participating prior to the site visit. The contractor shall coordinate with the NRC TPM which contractor technical staff will participate in the site visit.

The site visit shall be documented in a site visit trip report that describes any information that was learned, requested, or obtained from the applicant regarding water resources (see Section 12.0 for format requirements). The site visit trip report shall be completed no later than 7 business days after the site visit is completed. Other than the site visit trip report, no other formal deliverable is required under this task.

4.2 TASK 2: PREPARE AND SUBMIT WATER RESOURCES SECTIONS FOR THE INTERIM EA

The scope of work under this task shall involve the planning and drafting of an Interim EA for the water resources sections to evaluate the impacts of the proposed action. The effort shall consist of Subtasks 2-A and 2-B, as described below.

Unless directed otherwise by the NRC TPM, the contractor shall begin work on Task 2 concurrently with Task 1 of this overall task order.

The contractor shall follow the guidance provided in NUREG-1748 while drafting the water resources sections of the EA.

SUBTASK 2-A – WATER RESOURCES SECTIONS OF THE INTERIM EA

The contractor shall provide a draft description of the affected environment (see Section 12.0 for format requirements) for the water resources section. Consistent with 10 CFR Part 51 and the guidance provided in NUREG-1748, effort and attention shall be concentrated on important issues as identified in the applicant's ER, by the NRC TPM, and/or by public comment, as appropriate.

The contractor shall provide a draft description of the impacts for the water resources section from the proposed action and alternatives. For each alternative described in the final description of the proposed action and alternatives, the contractor shall assess the impacts, including cumulative impacts. The assessment of impacts shall be based on the guidance provided in NUREG-1748.

The contractor shall develop water resources impacts based on the description of the proposed action and alternatives, as well as descriptions of the affected environment.

The contractor shall describe the applicant's proposed mitigation and monitoring strategies (as it relates to water resources), if applicable, and discuss any additional mitigation and monitoring that may be necessary to ameliorate the impacts, as appropriate. Individuals knowledgeable in the subject area must be able to independently confirm the contractor's calculations.

The contractor shall coordinate development of impacts on water resources with the NRC TPM. Whether the applicable NRC requirements related to surface and groundwater will be evaluated by the NRC safety PM in the NRC's Safety Evaluation Report (SER). This SER will be provided, as necessary, to the contractor for inclusion in the Interim EA. The contractor shall incorporate other information and conclusions developed during the NRC SER process.

This subtask shall be coordinated concurrently with Subtask 2-B. A copy of the water resources sections for the Interim EA shall be provided as an informal submittal to the NRC TPM 20 business days after completion of Subtask 1-B. The water resources sections of the Interim EA shall provide all of the information described in this task as it is available at the time, noting information gaps to be

captured under a Request for Additional Information (RAI) or as identified to the NRC TPM as work in progress. The NRC TPM will review the contractor's deliverable and provide the contractor with preliminary comments, if applicable. Format requirements are described in Section 12.0.

SUBTASK 2-B - INFORMATION REVIEW/REQUEST

If the water resource sections for the Draft EA cannot be generated completely without additional information from the applicant (e.g., RAIs), the contractor shall prepare questions for submittal to the NRC TPM to elicit the additional information needed. The NRC TPM will review and forward the contractor's RAIs to the applicant. After the applicant responds, the NRC TPM will determine (with input from the contractor) if there is still insufficient information available to complete the water resource sections of the Draft EA.

The RAIs shall cover all areas needed to complete the water resources sections of the Draft EA. For example, mitigation measures and environmental monitoring shall also be considered when developing the RAIs.

The contractor shall identify areas that require further information before the water resource sections of the Draft EA can be completed. The RAIs shall be documented in a brief letter report to the NRC TPM stating what information is missing and the basis for requesting the information (i.e., the potential impact on the environmental review). RAIs shall be submitted to the NRC TPM and shall be both clear and concise to elicit the additional information from the applicant. RAIs should also provide the regulatory basis of the request. It is noted that the applicant may not be able to provide information. Thus, the contractor should be able to define what information could be developed by the contractor versus that information that must come from the applicant.

Draft RAIs for the water resources sections shall be submitted to the NRC TPM no later than 20 business days after completing the site visit (Subtask 1-B).

4.3 TASK 3: PREPARE AND SUBMIT THE WATER RESOURCES SECTIONS OF THE DRAFT EA AND RESPONSE TO STATE COMMENTS

SUBTASK 3-A – SUBMIT WATER RESOURCES SECTIONS OF THE DRAFT EA

The contractor shall submit the water resources sections to be inserted into the Draft EA to the NRC TPM to review and provide to other agencies during consultations. These water resources sections of the Draft EA shall incorporate the information received in any requests for additional information (RAIs) sent to the applicant. The water resources sections of the Draft EA shall follow an NRC TPM-approved outline. Deviations from the outline shall be approved by the NRC TPM.

Relevant information developed during the NRC Safety Evaluation Report (SER) process shall be summarized in the water resources sections of the Draft EA and incorporated by reference.

This subtask shall be completed no later than 30 business days after receipt of the applicant's responses to the RAIs.

SUBTASK 3-B - DRAFT RESPONSES TO STATE COMMENTS

The contractor shall provide responses to the State comments on the Draft EA within 15 business days after receipt. This subtask schedule may be extended for a large number of comments (e.g., 1 business day extension for every ten comments over forty with a maximum 30 day extension).

4.4 TASK 4: COMPLETE WATER RESOURCES SECTIONS OF THE FINAL EA

SUBTASK 4-A – SUBMIT WATER RESOURCES SECTIONS OF THE PRELIMINARY FINAL EA

The contractor shall incorporate all important issues and comments brought forth during consultation and as identified by the State, the applicant, the contractor, and NRC staff. The contractor shall complete the water resources sections of the Preliminary Final EA after receipt of comments from the NRC TPM.

This subtask shall be completed no later than 20 business days after receipt of the information from NRC (see Section 12.0 for format requirements).

SUBTASK 4-B – SUBMIT WATER RESOURCES SECTIONS OF THE FINAL EA

The contractor shall revise the water resources sections of the Preliminary Final EA to incorporate comments from the NRC TPM's review to produce the water resources sections of the Final EA. The contractor shall submit the water resources sections of the Final EA to the NRC no later than 10 business days after receipt of the NRC TPM's comments.

4.5 TASK 5 (OPTIONAL): SUPPORT FOR LICENSING PROCEEDING AND LITIGATION

In the event of legal challenge to the evaluations made under NEPA, the contractor shall assist in the hearing as requested. The contractor could be requested to provide information for answers to interrogatories and to provide experts to prepare written testimony and present oral testimony as needed or deemed advisable and as requested.

5.0 PROJECT MANAGEMENT

Maintain Effective Communication with NRC Staff

The contractor shall maintain effective communication with the NRC TPM to help coordinate and integrate EA preparation with NRC's technical and decision-making activities. For the duration of this task order, the contractor shall participate in a weekly telephone call with the NRC's TPM to discuss the progress to date. The contractor's Project Manager and NRC TPM shall participate in quarterly progress meetings either in Rockville, MD or at the contractor's place of business, as may be requested by the NRC TPM.

For All Communications

The contractor shall coordinate all necessary NRC communication for the specific task through the NRC's TPM or designee (as may be temporarily established via electronic or hard-copy written communication from the NRC TPM).

NRC Comments

The contractor shall resolve NRC comments through the NRC TPM when making revisions to any deliverable under each task in this task description.

Quality Assurance for the Project

The contractor shall implement and maintain quality assurance requirements for the project in accordance with Section 12.0 below.

6.0 ACCEPTANCE CRITERIA

The contractor shall document the preparation of the water resources sections of the EA and maintain appropriate records. An inventory list or copies of such records shall be provided upon request by the NRC TPM.

The water resources sections of the Draft and Final EAs shall provide sufficient detail for stakeholders to understand the basis of the conclusions reached. The text of these documents shall be supported by appropriate tables and graphics. Each deliverable provided by the contractor shall include directly or be accompanied by enough technical detail so that the NRC may confirm the contractor's methodologies and calculations.

7.0 MEETINGS AND TRAVEL

Upon request by the NRC TPM, the contractor's Project Manager shall meet with the NRC TPM at the NRC offices in Rockville, MD for a planning meeting and to discuss comments received on the draft EA. The NRC TPM may choose to periodically meet with the contractor in the contractor's offices to review progress and provide input into the project, as necessary. Alternatively, these meetings may be held by telephone/teleconference at the discretion of the NRC TPM. Meetings potentially requiring contractor travel are summarized below.

<u>Topic</u>	<u>Location</u>	<u>Trips</u>	<u>Days</u>	<u>Contractor Staff</u>
Planning Meeting	Rockville, MD	1	3	1
Site Visit/Information Gathering	Site Location	1	3-5	1
Comment Response Meeting	Rockville, MD	1	3	1

8.0 NRC FURNISHED MATERIAL

The NRC TPM will provide the following materials to the contractor at the beginning of Task 1, if available, in electronic format unless otherwise specified:

- Applicant's license application, which includes the SAR, ER, and any accompanying appendices;
- Copies of related documents from NRC's docket file;
- NRC's preferred format for RAIs;
- Copy of NUREG-1748, "Environmental Review Guidance for Licensing Actions Associated with NMSS Programs";
- Information gained via consultations with other agencies, as it may be made available.

The NRC TPM will continue to provide related documents from the docket file throughout the completion of this task order.

9.0 CONTRACTOR-ACQUIRED MATERIAL

No materials are expected to be acquired.

10.0 REPORTS

Five hard copies of the draft and final versions of the water resources sections covering each task shall be forwarded to the NRC TPM, as well as an electronic version (via electronic mail with electronic attachments) consistent with the word processor in use at the NRC (currently Microsoft Word 2003) or in portable document format (i.e., *.pdf), as appropriate. Additionally, one hard copy shall be sent to the NRC Contracting Officer (CO) as soon as the documents are required to be available.

11.0 TECHNICAL/PROJECT DIRECTION

Edna Knox-Davin is the NRC PO and Alan Bjornsen is the designated NRC TPM. The NRC PO is the focal point for all task order-related activities. All program funding actions are initiated by the NRC PO who submits the requests to the Division of Contracts (DC) for processing. All proposed work scope or schedule changes must be submitted through the NRC PO for DC.

Technical direction may be provided by the NRC TPM to the contractor during the duration of this task order. Technical direction shall not constitute new assignments of work or changes of such a nature as to justify an adjustment in cost or period of performance. Directions, if any, for changes in scope of work, cost, or period of performance will be issued by the NRC CO.

12.0 STANDARD WORK PRACTICES

For all draft and final reports under this agreement, the contractor shall assure that an independent review of numerical computations, mathematical equations, and derivations is performed by qualified technical staff other than the original author(s) of the reports and other than the person who performed the original calculation. If the contractor proposes to check less than 100 percent of all computations, mathematical equations, and derivations in the report(s) (such as may be the case when there is a large number of routine, repetitive calculations), the contractor must first obtain written approval from the NRC PO. In addition, all reports, including those which do not contain numerical analyses must be reviewed for consistency and readability by the contractor's management and approved with two signatures. One signature must be from the contractor's Project Manager, and one signature must be from a manager at a higher level than the contractor's Project Manager. Informal submittals/deliverables must be reviewed and forwarded from at least the Project Manager level.

When revisions for reports are issued, a section must be included in the revised report to document dates of, reasons for, and scope of all changes made since the issuance of the first contractor's approved report.

NRC has the option of appointing a Peer Group to review, comment, and recommend changes to the draft and final reports. The contractor may recommend candidates for the Peer Group for approval by the NRC TPM.

In the case of dissent in the content of the final report, the dissenting party shall have the option of stating its viewpoints and findings. Such statements may appear in the report as decided by the NRC.

This section does not intend to create the development of a formal quality assurance program nor does it require formal quality assurance program documentation or review.

**APPENDIX A
SCHEDULE AND DELIVERABLES**

The schedule of deliverables for Tasks 1 through 5 is outlined below.

TASK	DELIVERABLE	SCHEDULE (business days)
1-B	Site Visit Trip Report	7 days after site visit
2-A	Water Resources Sections of the Interim EA	20 days after completion of Subtask 1-B
2-B	RAIs for the Water Resources Sections	20 days after completion of Subtask 1-B
3-A	Water Resources Sections of the Draft EA	30 days after receipt of applicant's responses to RAIs
3-B	Draft Responses to State Comments	15 days after receipt from NRC
4-A	Water Resources Sections of the Preliminary Final EA	20 days after receipt of Draft EA and responses to State comments from NRC
4-B	Water Resources Sections of the Final EA	10 days after receipt of NRC's comments on Subtask 4-A
5	Optional Hearing	As determined by the schedule of the Atomic Safety Licensing Board Panel