

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1 CONTRACT ID CODE PAGE 1 OF PAGES 4

2 AMENDMENT/MODIFICATION NO 148  
 3 EFFECTIVE DATE 1/16/01  
 4 REQUISITION/PURCHASE REQ NO NMS-97-009 1/16/01  
 5 PROJECT NO (If applicable)

6 ISSUED BY U.S. Nuclear Regulatory Commission  
 Division of Contracts and Property Mgt.  
 Attn: T-7-I-2  
 Contract Management Branch 2  
 Washington DC 20555  
 7 ADMINISTERED BY (If other than Item 6)  
 CODE

8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 Southwest Research Institute  
 6220 Culebra Road  
 Post Office Drawer 28510  
 San Antonio, Texas 78228-0510  
 Wesley C. Patrick, President CNWRA  
 9A AMENDMENT OF SOLICITATION NO  
 9B DATED (SEE ITEM 11)  
 10A MODIFICATION OF CONTRACT/ORDER NO  
 Con# NRC-02-97-009  
 10B DATED (SEE ITEM 13)  
 10-15-1987

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment of each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12 ACCOUNTING AND APPROPRIATION DATA (If required) n/a

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO IN ITEM 10A  
 B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)  
 C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF  
 D OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

Please see attached.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A NAME AND TITLE OF SIGNER (Type or print)	16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
	Barbara D. Meehan
15B CONTRACTOR/OFFEROR	16B UNITED STATES OF AMERICA
(Signature of person authorized to sign)	BY <i>Barbara D. Meehan</i> (Signature of Contracting Officer)
15C DATE SIGNED	16C DATE SIGNED
	01-16-2001

Template-ADM001

ADM02

The purpose of this modification is to incorporate the revised NRC Form 187, "Contract Security and/or Classification Requirements" dated 1/11/01. Accordingly, the following revisions are made:

Section J is changed to show the revised NRC form 187 as attachment 20 as indicated on the attached change page 64. Also, please see attached new attachment 20 dated 1/11/01.

All other terms and conditions of this contract, including the ceiling amount for the second renewal period of \$87,611,477.00, remain the same.

A summary of new obligations for the second renewal period of this contract is given below:

Job Code D1035 (HLW)

Total FY97 obligation amount \$445,000 (see Spent Fuel (CIS) below)

Total FY98 obligation amount \$10,792,270 (Note that this reflects the \$19,000 which was obligated on Mod. 123, but not reflected in this summary)

Total FY99 obligation amount \$11,862,000.

Total FY99 deobligation amount \$183,756.57.

Total FY00 obligation amount \$12,971,071.

Total FY00 deobligation amount of \$100,000.

Total FY01 obligation amount of \$13,415,000.

Cumulative Total of NRC Obligations for JC 1035 (HLW) \$49,201,584.43.

Description of Changes Incorporated by Modification No. 148 to NRC-02-97-009

Page 3

Job Code D1035 (Spent Fuel (CIS))  
Total FY97 obligation amount \$200,000  
Total FY98 obligation amount \$250,000

Job Code J5297 (Spent Fuel (CIS))  
Total FY00 obligation amount \$100,000

Cumulative Total of NRC Obligations for CIS \$550,000.

Job Code J5164 (Tank Waste Remediation)

Total FY98 obligation amount \$250,000  
Total FY99 obligation amount \$285,000  
Total FY00 obligation amount \$840,000

Cumulative Total of NRC Obligations for JC J5164 \$1,375,000.

Job Code J5206 (Spent Fuel Dry Transfer)  
Total FY97 obligation amount \$25,000.  
Total FY98 obligation amount \$200,000.  
Total FY98 deobligation amount \$33,000  
Total FY99 obligation amount \$283,600  
Total FY00 obligation amount \$135,000  
Total FY01 deobligation amount \$45,000

Cumulative Total of NRC Obligations for JC J5206 \$565,600.

Job Code J5210 (Aluminum-Based Spent Fuels)  
Total FY98 obligation amount \$125,000.

Cumulative Total of NRC Obligations for JC J5210 \$125,000

Job Code J5186 (TMI-2 Fuel Debris)

Total FY98 obligation amount \$208,000.  
Total FY98 deobligation amount \$8,000.  
Total FY99 obligation amount \$100,000  
Total FY99 deobligation amount \$15,898.  
Total FY01 obligation amount \$878.

Cumulative Total of NRC Obligations for JC J5186 \$284,980.

Description of Changes Incorporated by Modification No. 148 to NRC-02-97-009

Page 4

Job Code J5226 (Private Fuel Storage)  
Total FY98 obligation amount \$158,000  
Total FY99 obligation amount \$332,630  
Total FY00 obligation amount \$443,920  
Total FY01 obligation amount \$396,000

Cumulative Total of NRC Obligations for JC J5226 \$1,330,550.

Job Code J5324 (SKB Peer Review)  
Total FY00 obligation amount \$9,987

Cumulative Total of NRC Obligations for JC J5324 \$9,987.

Job Code J5327 (Naval Spent Fuel)  
Total FY00 obligation amount \$161,000

Cumulative Total of NRC Obligations for JC J5327 \$161,000.

This modification does not obligate funds.

- 20 NRC Form 187, "Contract Security and/or Classification Requirements (revised 1/11/01)
- 21 Licence Fee Cost Recovery Status (Sample Form)
- 22 Inventory List of Equipment
- 23 Security Controls on the Dissemination of Naval Nuclear Propulsion Information

## CONTRACT SECURITY AND/OR CLASSIFICATION REQUIREMENTS

**COMPLETE CLASSIFIED ITEMS BY SEPARATE CORRESPONDENCE**

**1 CONTRACTOR NAME AND ADDRESS**

**Southwest Research Institute  
6220 Culebra Road  
San Antonio, Texas 78228-0510**

**A. CONTRACT NUMBER FOR COMMERCIAL CONTRACTS OR JOB CODE FOR DOE PROJECTS (Prime contract number must be shown for all subcontracts )**

**NRC-02-97-009**

<b>B. PROJECTED START DATE</b>	<b>C. PROJECTED COMPLETION DATE</b>
<b>09/27/1997</b>	<b>09/27/2002</b>

**2. TYPE OF SUBMISSION**

- A ORIGINAL
- B REVISED (Supersedes all previous submissions)
- C OTHER (Specify)

**3. FOR FOLLOW-ON CONTRACT, ENTER PRECEDING CONTRACT NUMBER AND PROJECTED COMPLETION DATE**

<b>A. DOES NOT APPLY</b>	<b>B. CONTRACT NUMBER</b>	<b>DATE</b>
	<b>NRC-02-93-005</b>	<b>09/26/1997</b>

**4 PROJECT TITLE AND OTHER IDENTIFYING INFORMATION**

**Operation of the Center for Nuclear Waste Regulatory Analyses - FFRDC**

**5. PERFORMANCE WILL REQUIRE**

		NATIONAL SECURITY		RESTRICTED DATA	
A ACCESS TO CLASSIFIED MATTER OR CLASSIFIED INFORMATION	NOT APPLICABLE	SECRET	CONFIDENTIAL	SECRET	CONFIDENTIAL
<input checked="" type="checkbox"/> YES (If "YES," answer 1-7 below)					
NO (If "NO," proceed to 5 C.)					
1 ACCESS TO FOREIGN INTELLIGENCE INFORMATION	<input checked="" type="checkbox"/>				
2 RECEIPT, STORAGE, OR OTHER SAFEGUARDING OF CLASSIFIED MATTER (See 5 B.)	<input checked="" type="checkbox"/>				
3 GENERATION OF CLASSIFIED MATTER.	<input checked="" type="checkbox"/>				
4 ACCESS TO CRYPTOGRAPHIC MATERIAL OR OTHER CLASSIFIED COMSEC INFORMATION.	<input checked="" type="checkbox"/>				
5 ACCESS TO CLASSIFIED MATTER OR CLASSIFIED INFORMATION PROCESSED BY ANOTHER AGENCY.				<input checked="" type="checkbox"/> *	
6 CLASSIFIED USE OF AN INFORMATION TECHNOLOGY PROCESSING SYSTEM	<input checked="" type="checkbox"/>				
7 OTHER (Specify)					
B IS FACILITY CLEARANCE REQUIRED? YES <input checked="" type="checkbox"/> NO **					
C <input checked="" type="checkbox"/> UNESCORTED ACCESS IS REQUIRED TO PROTECTED AND VITAL AREAS OF NUCLEAR POWER PLANTS					
D <input checked="" type="checkbox"/> ACCESS IS REQUIRED TO UNCLASSIFIED SAFEGUARDS INFORMATION					
E <input checked="" type="checkbox"/> ACCESS IS REQUIRED TO SENSITIVE IT SYSTEMS AND DATA.					
F <input checked="" type="checkbox"/> UNESCORTED ACCESS TO NRC HEADQUARTERS BUILDING.					

FOR PROCEDURES AND REQUIREMENTS ON PROVIDING TEMPORARY AND FINAL APPROVAL FOR UNESCORTED ACCESS, REFER TO NRCMD 12

6 INFORMATION PERTAINING TO THESE REQUIREMENTS OR THIS PROJECT, EVEN THOUGH SUCH INFORMATION IS CONSIDERED UNCLASSIFIED SHALL NOT BE RELEASED FOR DISSEMINATION EXCEPT AS APPROVED BY:

NAME AND TITLE

SIGNATURE

DATE

**John J. Linehan**  
**Director, Program Management, Policy Development**  
**and Analysis Staff**

*John J. Linehan* 1/10/01

**7. CLASSIFICATION GUIDANCE**

NATURE OF CLASSIFIED GUIDANCE IDENTIFICATION OF CLASSIFICATION GUIDES

**8. CLASSIFIED REVIEW OF CONTRACTOR / SUBCONTRACTOR REPORT(S) AND OTHER DOCUMENTS WILL BE CONDUCTED BY:**

AUTHORIZED CLASSIFIER (Name and Title)

DIVISION OF FACILITIES AND SECURITY

**9. REQUIRED DISTRIBUTION OF NRC FORM 187 Check appropriate box(es)**

- SPONSORING NRC OFFICE OR DIVISION (Item 10A)
- DIVISION OF CONTRACTS AND PROPERTY MANAGEMENT
- DIVISION OF FACILITIES AND SECURITY (Item 10B)
- CONTRACTOR (Item 1)

SECURITY/CLASSIFICATION REQUIREMENTS FOR SUBCONTRACTS RESULTING FROM THIS CONTRACT WILL BE APPROVED BY THE OFFICIALS NAMED IN ITEMS 10B AND 10C BELOW

**10. APPROVALS**

SECURITY/CLASSIFICATION REQUIREMENTS FOR SUBCONTRACTS RESULTING FROM THIS CONTRACT WILL BE APPROVED BY THE OFFICIALS NAMED IN ITEMS 10B AND 10C BELOW

	NAME (Print or type)	SIGNATURE	DATE
A. DIRECTOR, OFFICE OR DIVISION		SIGNATURE	DATE
	<b>William F. Hagan</b>	<i>William F. Hagan</i>	1/11/01
B. DIRECTOR, DIVISION OF FACILITIES AND SECURITY		SIGNATURE	DATE
	<b>Timothy F. Hagan</b>	<i>Timothy F. Hagan</i>	1/11/01
C. DIRECTOR, DIVISION OF CONTRACTS AND PROPERTY MANAGEMENT (Not applicable to DOE agreements)		SIGNATURE	DATE
	<b>Thomas O. Martin</b>	<i>T.O. Martin</i>	1/11/01

REMARKS

\* Clearance required for specific individuals in the event that classified work or reviews develop.

\*\* Safeguards information will be provided to the Center for Nuclear Waste Regulatory Analyses for processing at Southwest Research Institute.