

October 10, 1996

35160
Cont. Info.
NRC 173
5097005,
Evaluation,
Negotiation

U.S. Department of Energy
Albuquerque Operations Office
Attn: WFOTD/Robert Y. Lowrey
P.O. Box 5400
Albuquerque, New Mexico 87185-5400

SUBJECT: NRC PROJECT ENTITLED "REVALIDATION OF NUREG-0170 SPENT FUEL SHIPMENT RISK ASSESSMENTS"

Dear Mr. Lowrey:

The enclosed NRC Form 173, Standard Order for DOE Work (SOEW), for \$180,000, is submitted in accordance with Section III.B.2 of the DOE/NRC Memorandum of Understanding of February 24, 1978.

Please indicate DOE acceptance by signing and returning the enclosed NRC Form 173 to the NRC Office of the Controller, Division of Accounting and Finance, with a copy to this Office.

If you have any questions, please contact Mr. David Tiktinsky at (301-415-7818). Thank you for your assistance.

Sincerely,

Original signed by:
John J. Surmeier

John J. Linehan, Director
/for/ Program Management, Policy Development
and Analysis Staff, NMSS

Enclosure: SOEW 5097005

cc: D. Chavez, AL
J. Kelly, SNL
R. Yoshimura, SNL
B. Hawkins, SNL

Distribution: 35160
NMSS RMB NMSS r/f SOEW File Cabbott, OC/PAB E. Heuman

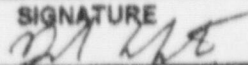

OFC	RMB	E	RMB	AE	SFPO	E	RMB	E
NAME	DTiktinsky		GBeveridge		JCook		Mr. Darby	
DATE	10/8/96		10/8/96		10/8/96		10/9/96	

C = COVER E = COVER & ENCLOSURE N = NO COPY

OFC	PMDA	E						
NAME	JLinehan							
DATE	10/ /96							

C = COVER E = COVER & ENCLOSURE N = NO COPY

A116

NRC FORM 173 (4-95) NRCMD 11.7 STANDARD ORDER FOR DOE WORK (SOEW)		ORDER NUMBER 5097 005 DATE OF ISSUANCE 10/8/96	
THIS AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF THE ENERGY REORGANIZATION ACT OF 1974, AS AMENDED (42 USC 5801 ET SEQ.). THIS WORK WILL BE PERFORMED IN ACCORDANCE WITH NRC MANAGEMENT DIRECTIVE 11.7			
ISSUED TO: (DOE Office) Albuquerque Operations Office	ISSUED BY: (NRC Office) OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS (NMSS)	ACCOUNTING CITATION APPROPRIATION SYMBOL 31X0200	
PERFORMING ORGANIZATION Sandia National Laboratory Albuquerque, NM	DISTRIBUTION OF OUTGOING (NRC SIGNED) DTidinsky KMcCarthy CAbbott JCook SOEW	B&R NUMBER 75015221000 JOB CODE J5160 BOC CODE 253D PROJECT PERFORM. PERIOD	
JOB CODE TITLE Revalidation of NUREG-0170 Spent Fuel Segment Risk Assessments	DISTRIBUTION OF INCOMING (DOE SIGNED) same as above	BEGIN 10/8/1996	END 8/30/96
		THIS FY FUNDING PERIOD FROM TO	
OBLIGATION AVAILABILITY PROVIDED BY:			
A. THIS ORDER		\$180,000.00	
B. TOTAL OF ORDERS PRIOR TO THIS DATE WITH THE PERFORMING ORGANIZATION UNDER THIS JOB CODE FOR THIS FY		\$0.00	
C. TOTAL ORDERS TO DATE FOR THIS JOB CODE FOR THIS FY (A + B)		\$180,000.00	
STANDARD TERMS AND CONDITIONS ARE PART OF THIS ORDER UNLESS OTHERWISE NOTED (MD 11.7)			
ATTACHMENTS		SECURITY	
THE FOLLOWING ATT. ARE HEREBY MADE PART OF THIS ORDER		WORK ON THIS ORDER INVOLVES CLASSIFIED INFORMATION NRC FORM 187 IS ATTACHED	
STATEMENT OF WORK		WORK ON THIS ORDER INVOLVES SENSITIVE UNCLASSIFIED, UNCLASSIFIED SAFEGUARDS INFORMATION OR UNESCORTED ACCESS AND VITAL AREAS OF NUCLEAR POWER PLANTS. NRC FORM 187 IS ATTACHED	
ADDITIONAL TERMS AND CONDITIONS		WORK ON THIS ORDER IS UNCLASSIFIED AND NOT SENSITIVE	
OTHER			
FEE RECOVERABLE WORK UNDER 10 CFR PART 170	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
This order provides incremental funding for the referenced project based on the preliminary proposal dated September 24, 1996. This proposal is acceptable (note NRC will provide technical comments on each subtask and it is expected that SNL will respond to NRC comments to prepare final chapters of the revalidation document). A final proposal should be submitted to the NRC.			
CERTIFICATION OF FUNDS			
THIS CERTIFIES THAT FUNDS IN THE AMOUNT CITED IN BLOCK A ARE AVAILABLE IN THE CURRENT FY ALLOTMENT FOR WORK AUTHORIZED BY THIS SOEW.			
FUNDS CERTIFICATION OFFICIAL (TYPED NAME) David Tiktinsky	SIGNATURE 	DATE 10/8/96	
NRC ISSUING AUTHORITY (TYPED NAME AND TITLE) JOHN J. LINEHAN, DIRECTOR, PMDA, NMSS	SIGNATURE 	DATE 10/10/96	
DOE ACCEPTING ORGANIZATION (TYPED NAME AND TITLE)	SIGNATURE	DATE	

EVALUATION OF PROPOSALS

REVIEW TECHNICAL SUBSTANCE

JOB CODE J5160

TASK #

1. Does the technical proposal meet the requirements stated in the SOW and is the work proposed consistent with NMSS program needs?

YES ☒ NO ☐ N/A ☐

2. Are the work methods suggested in the proposal appropriate to meeting the requirements of the SOW?

YES ☒ NO ☐ N/A ☐

3. Does the proposal adequately discuss anticipated difficulties and problem areas as well as recommended resolutions?

YES ☒ NO ☐ N/A ☐

4. Are the schedules and reporting requirements stated in the proposal reasonable and consistent with the requirements of the SOW?

YES ☒ NO ☐ N/A ☐

REVIEW COSTS

1. Do proposed costs appear reasonable in all categories?

YES ☒ NO ☐ N/A ☐

2. Are personnel proposed appropriate to carrying out the task outlined in the SOW?

YES ☒ NO ☐ N/A ☐

3. Is the total number of labor hours proposed reasonable with respect to the requirements of the SOW?

YES ☒ NO ☐ N/A ☐

4. Are the travel estimates proposed reasonable WRT the requirements of the SOW?

YES ☒ NO ☐ N/A ☐

5. Are the estimates of subcontractor/consultants efforts reasonable?

YES ☐ NO ☐ N/A ☒

REVIEW FOR COMPLETENESS

1. Is the administrative information in the proposal correct?

YES ☒ NO ☐ N/A ☐

2. Are the staff efforts and cost sections complete?

YES ☒ NO ☐ N/A ☐

3. Are task schedules complete?

YES ☒ NO ☐ N/A ☐

4. Is the proposal responsive to all the requirements of the SOW?

YES ☒ NO ☐ N/A ☐

5. Is there any conflict of interest in the performance of the task by the Lab?

YES ☐ NO ☒ N/A ☐

CERTIFICATIONS (check box that applies)

I certify that the task proposal is acceptable

☒

I certify that the proposal is acceptable with minor modifications

☐

I certify that the proposal is unacceptable

☐

DTikitsky/JCook

TAPW/TM

Date

10/10/96

SUMMARY OF NEGOTIATIONS

PART I POLICY AND REGULATION COMPLIANCE

LABORATORY NAME BNL JOB CODE J5160 TASK ORDER # _____
 IA TITLE REVALIDATION OF NUREG-0170 FOR SPENT FUEL
 TASK ORDER TITLE _____
 PERIOD OF PERFORMANCE (FOR TASK) 8/31/96

CONFLICT OF INTEREST BASED ON INFORMATION PROVIDED AND/OR DISCUSSIONS WITH THE LAB IS THERE A COI? _____ YES*
 _____ X _____ NO
 * DESCRIBE COI PROBLEMS/CONCERNS/CONVERSATIONS

PART II ABSTRACT OF NEGOTIATIONS

A. CONTRACTOR PROPOSAL NUMBER _____ DATE 8/24/96
 B. WRITTEN EVALUATION OF ALL PROPOSED COSTS BY COGNIZANT TECHNICAL PERSONNEL IS CONTAINED IN MEMORANDUM DATED _____, 19 ____ ARE CONTAINED IN THE FILE

_____ THE PROPOSED COSTS WERE CONSIDERED REASONABLE, GIVEN THE SKILL MIX, LEVEL OF EFFORT REQUIRED AND DEGREE OF COMPLEXITY INVOLVED IN THE PROPOSED EFFORT, NO EXCEPTIONS OR COMMENTS WERE MADE BY THE DIVISION STAFF.

X _____ THE TECHNICAL PERSONNEL REQUESTED CLARIFICATION OF THE FOLLOWING ITEMS AND DISCUSSIONS WITH THE LAB WERE HELD. THE REVISED PROPOSAL ADDRESSES THESE CONCERNS:

_____ THE TECHNICAL PERSONNEL REQUESTED THE FOLLOWING CHANGES TO THE APPROACH. THE REVISED PROPOSAL ADDRESSES THESE CHANGES:

_____ OTHER COMMENTS:

ENCLOSE DETAILS ON ABOVE ITEMS OR DESCRIBE BELOW WHERE APPLICABLE.

An initial meeting was held to discuss the possibility of utilizing SNL for this project. During this meeting the scope of the review and the expectations of the NRC were laid out clearly. This resulted in a series of draft proposals. Comments on the technical work were provided by the project TM. Other comments related to the number of meetings and the allowance for revised chapters after NRC comments were provided were provided by the TAPM. The costs changed (increased) from the early drafts to the final due to the increased level and cost overruns (eg escalation rates) by the project PI (there is a letter of explanation in the file from SNL about these changes).

BASED UPON THE FOREGOING, IT IS DETERMINED THAT THE PROPOSED COSTS ARE FAIR AND REASONABLE. AT IT IS HEREBY RECOMMENDED THAT THE SUBJECT ACTION BE APPROVED.

FINAL NEGOTIATED TASK ORDER COST \$ 492,000

DTiktinsky/ Cook

TAPM/TM

DATE

John R. Cooke 10/10/96