

60-77-144

STANDARD ORDER FOR ERDA WORK

DATE MAY 20 1977

ISSUED TO: (ERDA Field Office)

Chicago Operations Office

ISSUED BY: (Responsible Office)

Division of Safeguards,  
Fuel Cycle & Environmental  
Research

ACCOUNTING CITATION

APPROPRIATION SYMBOL

31X0200.607

B&R NUMBER

601930031

FIN NUMBER

A3044

PERFORMING CONTRACTOR (Lab Name and Location)

Brookhaven National Laboratory

FIN TITLE

Consequence Estimation

WORK PERIOD - THIS ORDER

FROM

5/31/77

TO:

9/30/77est

OBLIGATION AVAILABILITY PROVIDED BY:

A. THIS ORDER

\$ 110,000

B. TOTAL OF ORDERS PLACED PRIOR TO THIS DATE WITH THE PERFORMING CONTRACTOR UNDER THE SAME "APPROPRIATION SYMBOL" AND THE FIRST FOUR DIGITS OF THE "B&R NUMBER" CITED ABOVE

5,291,000

C. TOTAL ORDERS TO DATE

(Total A & B)

\$ 5,401,000

D. AMOUNT INCLUDED IN "C" APPLICABLE TO THE "FIN NUMBER" CITED IN THIS ORDER.

\$ ( 155,000 )

<sup>1</sup>This amount constitutes a limitation on obligations authorized to be incurred for the benefit of the above cited issuing authority.

REMARKS:

Reference: Program Letter 60-77-070 dtd 1/4/77 and 4/1/77.

Complete Phase I and Phase II report rewrite.  
Initiate Phase III per attachment; submit 189 for total Phase III.

\*Program Letter 60-77-137 dtd 5/10/77: Line "C" should read \$5,291,000.

ISSUING AUTHORITY		ACCEPTING ORGANIZATION	
SIGNATURE	<i>Frank J. Arsenault</i> Frank J. Arsenault, Acting Director	<input checked="" type="checkbox"/> THIS ORDER IS ACCEPTABLE	
TITLE	Division of Safeguards, Fuel Cycle, & Environmental Research	SIGNATURE	<i>David Schweller</i>
DISTRIBUTION: <input type="checkbox"/> ORIGINATING OFFICE, NRC <input type="checkbox"/> OFFICE OF THE CONTROLLER, NRC		TITLE	DAVID SCHWELLER
		DATE	Area Manager JUN 10 1977

- I. Nuclear Experiments  
Task 1a Phenomenology Code  
Acquisition and Modification  
Task 2a Personnel Casualty Criteria data Acquisition  
Task 2b Property Damage Criteria data Acquisition  
computer time 2 hr\*
- II. Environmental Release  
Task A Particle size data Analysis  
Task C Aerosol flow analysis  
computer time 1 hr \*\*
- III. Atmospheric Transport  
Work Unit 1, Task 1 Low-Yield fallout code  
Development  
Work Unit 2, Task 1 Selection of the Mass  
Consistent Wind Field Generator  
Work Unit 2, Task 4 Evaluate Atmospheric Dis-  
persion and Transport Models  
computer time 1 hr\*\*
- IV. Pathways to Man and Human Dosimetry  
Task A. Dosimetric Model Acquisition and Review  
Task C. Terrestrial Pathway Model Acquisition and  
Modification  
Task D. Aquatic Pathway Model Development  
computer time 1 hr\*\*
- V. Health Effects and Property Damage  
Task 1 Code Acquisition and Modularization  
Task 3 Lung Model Improvements  
Task 4 Impact of Health Effects and their  
Representation  
computer time 1 hr\*\*
- VI. Project Coordination and Reporting

\*SAI DEC

\*\*CDC 7600 or equivalent

NRC FORM 173 (12-75)		U.S. NUCLEAR REGULATORY COMMISSION		ORDER NUMBER 60-77-144
STANDARD ORDER FOR ERDA WORK				DATE MAY 20 1977
				ISSUED TO: (ERDA Field Office) Chicago Operations Office
PERFORMING CONTRACTOR (Lab name and location) Brookhaven National Laboratory				ACCOUNTING CITATION APPROPRIATION SYMBOL 31X0200.607
FIN TITLE Consequence Estimation				S&R NUMBER 601930031
				FIN NUMBER A3044
				WORK PERIOD - THIS ORDER FROM: 5/31/77 TO: 9/30/77est
OBLIGATION AVAILABILITY PROVIDED BY:				
A. THIS ORDER				\$ 110,000
B. TOTAL OF ORDERS PLACED PRIOR TO THIS DATE WITH THE PERFORMING CONTRACTOR UNDER THE SAME "APPROPRIATION SYMBOL" AND THE FIRST FOUR DIGITS OF THE "S&R NUMBER" CITED ABOVE				5,291,000
C. TOTAL ORDERS TO DATE (Total A & B)				\$ 5,401,000
D. AMOUNT INCLUDED IN "C" APPLICABLE TO THE "FIN NUMBER" CITED IN THIS ORDER.				\$ ( 155,000 )
*This amount constitutes a limitation on obligations authorized to be incurred for the benefit of the above cited issuing authority.				
REMARKS:  Reference: Program Letter 60-77-070 dtd 1/4/77 and 4/1/77.  Complete Phase I and Phase II report rewrite. Initiate Phase III per attachment; submit 189 for total Phase III.  *Program Letter 60-77-137 dtd 5/10/77: Line "C" should read \$5,291,000.				
ISSUING AUTHORITY			ACCEPTING ORGANIZATION	
SIGNATURE <i>Frank J. Arsenault</i> Frank J. Arsenault, Acting Director			<input type="checkbox"/> THIS ORDER IS ACCEPTABLE	
TITLE Division of Safeguards, Fuel Cycle, & Environmental Research			SIGNATURE	
DISTRIBUTION: <input type="checkbox"/> ORIGINATING OFFICE, NRC <input type="checkbox"/> OFFICE OF THE CONTROLLER, NRC			TITLE	
			DATE	

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\*SAI DEC

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FROM ERDA/BROOKHAVEN JOSEPH F. FRINO		DATE OF DOCUMENT 6/8/77	DATE RECEIVED 6/15/77	NO 2716	mlt
TO F. J. ARSENAULT		LTR	MEMO	REPORT	OTHER
		<input checked="" type="checkbox"/> X <input type="checkbox"/> X <input type="checkbox"/> X			
CLASSIF		ACTION NECESSARY	CONCURRENCE	DATE ANSWERED	
U		NO ACTION NECESSARY	COMMENT	BY	
POST OFFICE		FILE CODE			
REG NO		REFERRED TO	DATE	RECEIVED BY	DATE
DESCRIPTION (Must Be Unclassified)		HAYES/SCHOFIELD	6/15		
STANDARD ORDER FOR ERDA WORK NO. 60-77-144		<del>FRY: ARSENAULT</del>	FRY 6/16	OPH	6/16
ENCLOSURES		Hawkins			
STANDARD WORK FORM TITLE: CONSEQUENCE ESTIMATION PROGRAM LETTER					
REMARKS					