

STANDARD ORDER FOR ERDA WORK

60-77-190

DATE

AUG 24 1977

ISSUED TO: (ERDA Field Office)

Chicago
Operations Office

ISSUED BY: (Responsible Office)

Division of Safeguards
Fuel Cycle and
Environmental ResearchACCOUNTING CITATION
APPROPRIATION SYMBOL

31X0200.607

PERFORMING CONTRACTOR (LBN name and Location)

Brookhaven National Laboratory

S&R NUMBER

601930031

FIN NUMBER

A3044-7

FIN TITLE

Consequence Estimation

WORK PERIOD - THIS ORDER

FROM:

TO:

8-1-77

6-30-78Est.

OBLIGATION AVAILABILITY PROVIDED BY:

A. THIS ORDER

\$ 381,000.

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.

5,401,000

C. TOTAL ORDERS TO DATE

(Total A & B)

\$ 5,782,000

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

\$ (536,000.)

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

REMARKS.

Reference Program Letter 60-77-144 dated 5-20-77 for 110,000.

Complete Phase III of referenced scope to meet requirements on deliverables
per attachment.

ISSUING AUTHORITY

SIGNATURE *Frank J. Arsenault*
Frank J. Arsenault, Acting DirectorTITLE Division of Safeguards, Fuel Cycle
and Environmental Research

DISTRIBUTION:

- ☐ ORIGINATING OFFICE, NRC
☐ OFFICE OF THE CONTROLLER, NRC

ACCEPTING ORGANIZATION

☒ THIS ORDER IS ACCEPTABLE

SIGNATURE

David Schweller
DAVID SCHWELLERTITLE
Area Manager

DATE

SEP 9 1977

ATTACHMENT

Schedule and Reports

It is proposed that the project schedule be modified to allow its continuation through June 30, 1978 with technical effort to be concluded on April 30 and all deliverables to be submitted for review on or before May 31. Deliverables are to include monthly reports of progress plus the overall results of Consequence Estimation Project, Phase 3, in three parts.

1. A report listing the calculated consequence estimates for the reference events specified in SAI report 1-013-71-770-05-RR. The consequences will be calculated in a manner consistent with the state-of-the-art of the relevant technologies.
2. A report describing the assumptions, logic and methods used to calculate the consequence estimates.
3. Documentation of all relevant computer programs acquired, modified or developed for use in the calculation of consequence estimates including specification of input and output parameters and constraints thereon.

STANDARD ORDER FOR ERDA WORK		ORDER NUMBER
		60-77-190
		DATE AUG 24 1977
ISSUED TO: (ERDA Field Office)	ISSUED BY: (Responsible Office)	ACCOUNTING CITATION
Chicago Operations Office	Division of Safeguards Fuel Cycle and Environmental Research	APPROPRIATION SYMBOL
PERFORMING CONTRACTOR (Last Name and Location)		31X0200.607
Brookhaven National Laboratory		S&R NUMBER
FIN TITLE		601930031
Consequence Estimation		FIN NUMBER
		A3044-7
		WORK PERIOD THIS ORDER
		FROM: 8-1-77 TO: 6-30-78Est.

OBLIGATION AVAILABILITY PROVIDED BY:

A. THIS ORDER	\$ 381,000.
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	5,401,000
C. TOTAL ORDERS TO DATE (Total A & B)	\$ 5,782,000
D. AMOUNT INCLUDED IN "C" APPLICABLE TO THE "FIN NUMBER" CITED IN THIS ORDER.	\$ (536,000.)

* THIS AMOUNT CONSTITUTES A LIMITATION ON OBLIGATIONS AUTHORIZED TO BE INCURRED FOR THE BENEFIT OF THE ABOVE CITED ISSUING AUTHORITY.

REMARKS.

Reference Program Letter 60-77-144 dated 5-20-77 for 110,000.

Complete Phase III of referenced scope to meet requirements on deliverables per attachment.

ISSUING AUTHORITY		ACCEPTING ORGANIZATION	
SIGNATURE <i>Frank J. Arseneault</i> Frank J. Arseneault, Acting Director		<input type="checkbox"/> THIS ORDER IS ACCEPTABLE	
TITLE Division of Safeguards, Fuel Cycle and Environmental Research		SIGNATURE	
LOCATION		TITLE	
<input type="checkbox"/> GENERATING OFFICE, NRC		DATE	
<input type="checkbox"/> OFFICE OF THE CONTROLLER, NRC			

ATTACHMENT

Schedule and Reports

It is proposed that the project schedule be modified to allow its continuation through June 30, 1978 with technical effort to be concluded on April 30 and all deliverables to be submitted for review on or before May 31. Deliverables are to include monthly reports of progress plus the overall results of Consequence Estimation Project, Phase 3, in three parts.

1. A report listing the calculated consequence estimates for the reference events specified in SAI report 1-013-71-770-05-RR. The consequences will be calculated in a manner consistent with the state-of-the-art of the relevant technologies.
2. A report describing the assumptions, logic and methods used to calculate the consequence estimates.
3. Documentation of all relevant computer programs acquired, modified or developed for use in the calculation of consequence estimates including specification of input and output parameters and constraints thereon.

FROM ERDA/BROOKHAVEN JOSEPH F. FRINO		DATE OF DOCUMENT 9/9/77	DATE RECEIVED 9/12/77	NO 4158	mlt
		L/R X	MEMO	REPORT	OTHER
TO F. J. ARSENAULT		ORIG. X	CC	OTHER	
		ACTION NECESSARY <input type="checkbox"/>	CONCURRENCE <input type="checkbox"/>	DATE ANSWERED	
		NO ACTION NECESSARY <input checked="" type="checkbox"/>	COMMENT <input type="checkbox"/>	BY	
CLASSIF U	POST OFFICE REG NO.	FILE CODE A3044			
DESCRIPTION (Must Be Underlined)		REFERRED TO	DATE	RECEIVED BY	DATE
NRC FORM 173, STANDARD ORDER FOR ERDA WORK NO. 60-77-190 FINTITLE: CONSEQUENCE ESTIMATION		HALES/SCHOFIELD	9/12		
		<i>Hawkins</i>	9/13		
ENCLOSURES AS STATED ABOVE		<i>Frino</i>	9/16		
REMARKS		CV ARSENAULT			