

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGES OF PAGES 1 1 1	
2. AMENDMENT/MODIFICATION M074		3. EFFECTIVE DATE SEE BLOCK 16C		4. REQUISITION/PURCHASE REQ. NO. WPAS-NOPR	
5. PROJECT NO. (If applicable)		6. ISSUED BY U. S. Department of Energy Oak Ridge Operations P. O. Box 2001 Oak Ridge, TN 37831-8756		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  UT-Battelle, LLC Attn: David C. Rice, Director, Contracts Post Office Box 2008 Oak Ridge, TN 37831-6443		CODE   FACILITY CODE 		9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
				10A. MODIFICATION OF CONTRACT/ORDER DE-AC05-00OR22725	
				10B. DATED (SEE ITEM 13) October 18, 1999	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATION					
<p>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 on 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 YOU 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.</p>					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ ORDERS, IT MODIFIES 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 data, 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:					
X D. OTHER (Specify type of modification and authority) Clause I-140 and P.L. 95-91					
E. IMPORTANT: Contractor [ ] is not, [ x ] is required to sign this document and return <u>2</u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/ MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
The purpose of this modification is to revise Appendix E by incorporating Requirements Change Notice No. OR-11 attached hereto.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A and 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print) Greg L. Turner Chief Financial Officer			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan G. Hiser Contracting Officer		
15B CONTRACTOR/OFFEROR <u>Greg L. Turner</u> (Signature of person authorized to sign)		15C. DATE SIGNED 2/5/03	16B. UNITED STATES OF AMERICA BY <u>Susan G. Hiser</u> (Signature of Contracting Officer)		16C. DATE SIGNED 2/6/03

DOE Form (04/1991)		No: OR-11																		
<b>U.S. Department of Energy Requirements Change Notice</b>		Page 1																		
Project: Contract Baseline Documentation		Location: Oak Ridge, Tennessee																		
Contractor: UT-Battelle, LLC																				
Contractor No.: DE-AC05-00OR22725 Special Contract Requirements Clause I-140		Date of Contract: April 1, 2000																		
<p>This Requirements Change Notice (RCN) No. OR-11 incorporates into Appendix E, Contract No. DE-AC05-00OR22725, the attached list of applicable documents which have been assessed against the terms and conditions of the subject contract in accordance with the above referenced clause. Changes to Appendix E are indicated by bold type. Environmental, Safety, and Health (ES&amp;H)-related directives are indicated by italics. Below is a list of directives incorporated herein.</p> <p><b>ADDITIONS:</b></p> <table border="0"> <tr> <td>DOE N 311.2</td> <td>ORO O 470, Chapter I, Change 2</td> </tr> <tr> <td>DOE N 473.8</td> <td>ORO O 470, Chapter IX, Change 2</td> </tr> <tr> <td><i>DOE 5480.19, Change 2</i></td> <td><i>DOE O 420.1A, Attachment 2, Section 4.5</i></td> </tr> </table> <p><b>DELETIONS:</b></p> <table border="0"> <tr> <td>DOE N 153.1</td> <td>ORO O 470, Chapter I, Change 1</td> </tr> <tr> <td>DOE O 224.1</td> <td>ORO O 470, Chapter IX, Change 1</td> </tr> <tr> <td>DOE N 311.1</td> <td>DOE O 551.1A, compliance line only</td> </tr> <tr> <td>DOE N 473.6</td> <td></td> </tr> </table> <p><b>OTHER APPLICABLE DIRECTIVES:</b></p> <p>WSS, Chgs. 22 &amp; 23 - Other Industrial, Radiological, and Non-Radiological Hazard Facilities  WSS, Chgs. 11 &amp; 12 - Radiochemical Research Facilities, Building 2026 and 5505  WSS, Chgs. 10 &amp; 11 - Radiochemical Technology Facilities, Buildings 3027 and 3047  WSS, Chgs. 10 &amp; 11 - Radiochemical Eng. Development Center, Bldgs. 7920, 7930, and support areas  WSS, Chgs. 10 &amp; 11 - Radiochemical Development Facility, Building 3019 and its ancillary buildings  WSS, Chgs. 10 &amp; 11 - Irrad. Mtls. Exam. &amp; Test Fac. &amp; Irrad. Fuels Exam. Lab., Bldg. 3025E,  3025, and support areas  WSS, Chgs. 10 &amp; 11 - High Flux Isotope Reactor and its associated facilities  WSS, Chgs. 10 &amp; 11 - Nuclear Hot Cell Facility, Building 4501</p> <p><b>EXPIRATION DATES EXTENDED BY DOE N 251.47:</b></p> <table border="0"> <tr> <td>DOE N 142.1</td> <td>DOE O 470.1</td> <td>DOE N 471.2A</td> <td>DOE O 472.1B</td> </tr> </table>			DOE N 311.2	ORO O 470, Chapter I, Change 2	DOE N 473.8	ORO O 470, Chapter IX, Change 2	<i>DOE 5480.19, Change 2</i>	<i>DOE O 420.1A, Attachment 2, Section 4.5</i>	DOE N 153.1	ORO O 470, Chapter I, Change 1	DOE O 224.1	ORO O 470, Chapter IX, Change 1	DOE N 311.1	DOE O 551.1A, compliance line only	DOE N 473.6		DOE N 142.1	DOE O 470.1	DOE N 471.2A	DOE O 472.1B
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DOE Authorizing Signature:  George J. Malosh, Contracting Officer's Representative		Date: 11/10/03																		

## OUTLINE OF CHANGES

REQUIRED COMPLIANCE DOCUMENT	DATE	TITLE	THROUGH CHANGE	AUTHORIZATION
<u>OD #126</u> <u>WSS Type 1</u>	09/30/1996	RADIOCHEMICAL RESEARCH FACILITIES - BLDGS. 2026 & 5505	11 09/13/2002	UT-Battelle ltr to ORO dated 09/13/2002
	12/17/1996	RADIOCHEMICAL TECHNOLOGY FACILITIES - BLDGS. 3027 & 3047	10 09/13/2002	
	12/17/1996	RADIOCHEMICAL ENGINEERING DEVELOPMENT CENTER - BLDGS 7920, 7930, AND SUPPORT AREAS	10 09/13/2002	
	05/07/1997	RADIOCHEMICAL DEVELOPMENT FACILITY - BLDG. 3019 AND ITS ANCILLARY BUILDINGS	10 09/13/2002	
	05/07/1997	IRRADIATED MATERIALS EXAMINATION AND TESTING FACILITY AND IRRADIATED FUELS EXAMINATION LABORATORY - BLDGS 3025E, 3525, AND SUPPORT AREAS	10 09/13/2002	
	09/10/1998	HIGH FLUX ISOTOPE REACTOR	10 09/13/2002	
	07/01/1999	NUCLEAR HOT CELL FACILITY, BUILDING 4501	10 09/13/2002	
<i>Adds DOE O 420.1A, Attachment 2, Section 4.5 to the above cited WSS sets.</i>				
<u>OD #127</u> <u>WSS Type 1</u>	09/30/1996	RADIOCHEMICAL RESEARCH FACILITIES - BLDGS. 2026 & 5505	12 10/18/2002	UT-Battelle Email to ORO dated 10/18/2002
	12/17/1996	RADIOCHEMICAL TECHNOLOGY FACILITIES - BLDGS. 3027 & 3047	11 10/18/2002	
	12/17/1996	RADIOCHEMICAL ENGINEERING DEVELOPMENT CENTER - BLDGS 7920, 7930, AND SUPPORT AREAS	11 10/18/2002	

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REQUIRED COMPLIANCE DOCUMENT	DATE	TITLE	THROUGH CHANGE	AUTHORIZATION
	05/07/1997	RADIOCHEMICAL DEVELOPMENT FACILITY - BLDG. 3019 AND ITS ANCILLARY BUILDINGS	11 10/18/2002	
	05/07/1997	IRRADIATED MATERIALS EXAMINATION AND TESTING FACILITY AND IRRADIATED FUELS EXAMINATION LABORATORY -	11 10/18/2002	
	09/10/1998	HIGH FLUX ISOTOPE REACTOR	11 10/18/2002	
	07/01/1999	NUCLEAR HOT CELL FACILITY, BUILDING 4501	11 10/18/2002	
<i>DOE O 5480.19, Change 2 replaces DOE O 5480. 19, Change 1, in the above cited WSS sets.</i>				
<u>OD #128</u> <u>WSS Type 1</u>	07/25/1996	OTHER INDUSTRIAL, RADIOLOGICAL, AND NON-RADIOLOGICAL HAZARD FACILITIES	22 10/15/2002	UT-Battelle Emails to ORO dated 10/15/2002 & 10/25/2002
<i>Incorporates updates for vehicle safety with the addition of 41 CFR 102-34, Subpart C, Official Use of Government Vehicles, and the deletion of 41 CFR 101-38.301; 49 USC 3101 et seq; Tenn. Code Ann. 55-8-101 et seq.; Tenn. Code Ann. 58-2-301 et seq.; and Tenn Code Ann. 58-8-108 et seq.</i>				
<u>OD #129</u> <u>WSS Type 1</u>	07/25/1996	OTHER INDUSTRIAL, RADIOLOGICAL, AND NON-RADIOLOGICAL HAZARD FACILITIES	23 10/25/2002	UT-Battelle Email to ORO dated 10/25/2002
<i>Adds 7 CFR 330, Subparts A, B, C (&amp; 100-302), Federal Plant Pest Regulations; General; Plant Pests; Soil, Stone, and Quarry Products; Garbage; 7 CFR 340, Introduction of Organisms and Products Altered or Produced Through Genetic Engineering which are Plant Pests or Which There is Reason to Believe are Plant Pests; 7 CFR 352, Plant Quarantine Safeguard Regulations; and 7 CFR 372, National Environmental Policy Act Implementing Procedures.</i>				
<u>OD #130</u> <u>DOE N 153.1</u>	02/26/2001	CONNECTIVITY TO ATMOSPHERIC RELEASE ADVISORY CAPABILITY		UT-Battelle ltr dated 09/30/2002
<i>Deletes DOE N 153.1.</i>				

OUTLINE OF CHANGES

REQUIRED COMPLIANCE DOCUMENT	DATE	TITLE	THROUGH CHANGE	AUTHORIZATION
<u>OD #131</u> <u>DOE N 251.47</u>	08/14/2002	EXTENSION OF DOE DIRECTIVES ON SECURITY		ORO ltr dated 09/26/2002; UT-Battelle ltr dated 10/10/2002
<i>Extends the following Directives until May 14, 2003: DOE N 142.1, DOE O 470.1, DOE O 471.2A, &amp; DOE O 472.1B</i>				
<u>OD #132</u> <u>DOE N 251.48</u>	09/03/2002	CANCELLATION OF DIRECTIVE		UT-Battelle ltr dated 09/24/2002
<i>Deletes DOE O 224.1.</i>				
<u>OD #133</u> <u>DOE N 311.2</u>	05/29/2002	EXTENSION OF DOE O 311.1A, EQUAL OPPORTUNITY AND DIVERSITY PROGRAM		ORO ltr dated 09/19/2002; UT-Battelle ltr dated 10/15/2002
<i>Adds DOE N 311.2 to extend DOE O 311.1A until December 30, 2002 and deletes DOE N 311.1.</i>				
<u>OD #134</u> <u>ORO O 470,</u> <u>Chapter 1,</u> <u>Change 2</u>	07/31/2002	SAFEGUARDS AND SECURITY PROGRAM		ORO ltr dated 08/22/2002; UT-Battelle ltr dated 09/19/2002
<i>Adds ORO O 470, Chapter 1, Change 2, and deletes ORO O 470, Chapter 1, Change 1.</i>				
<u>OD #135</u> <u>ORO O 470,</u> <u>Chapter IX,</u> <u>Change 2</u>	08/28/2002	CONTROL AND ACCOUNTABILITY OF NUCLEAR MATERIALS		ORO ltr dated 10/10/2002; UT-Battelle ltr dated 11/05/2002
<i>Adds ORO O 470, Chapter IX, Change 2, and deletes ORO O 470, Chapter IX, Change 1.</i>				
<u>OD #136</u> <u>DOE N 473.8</u>	08/07/2002	SECURITY CONDITIONS		ORO ltr dated 09/26/2002; UT_Battelle ltr dated 10/24/2002
<i>Adds DOE N 473.8 and deletes DOE N 473.6</i>				
<u>OD #137</u> <u>DOE 551.1A,</u> Deletion of compliance line only	08/25/2000	OFFICIAL FOREIGN TRAVEL		ORO e-mail dated 11/26/2002; COR C/C Form dtd 11/21/2002
<i>Deletes compliance line for DOE O 551.1A due to COR approval of closure of the implementation plan.</i>				