

2. AMENDMENT/MODIFICATION NO. 335	3. EFFECTIVE DATE 02/26/2013	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY	CODE 00901	7. ADMINISTERED BY (If other than Item 6)	CODE 00901

Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802	Savannah River Operations U.S. Department of Energy Savannah River Operations P.O. Box A Aiken SC 29802
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC Attn: LLOYD CLEVINGER 203 LAURENS ST SW AIKEN SC 298012421 CODE 798861048 FACILITY CODE	(x) 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) X 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC09-08SR22470 10B. DATED (SEE ITEM 13) 01/10/2008
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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 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 YOUR ACKNOWLEDGEMENT 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)

No Change to accounting data

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

CHECK ONE	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:
X	D OTHER (Specify type of modification and authority) Section I, DEAR 970.5211-1 Work Authorization (May 2007)

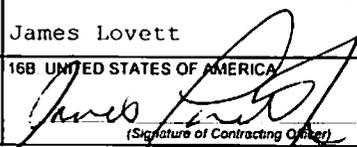
E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

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

A. The purpose of this modification is to incorporate Contract Work Authorization numbers: 1) SR071103, for Risk Management Review & Assessment-D&D Design Guidance; 2) SCW-0052, for Collaborative Research: The Importance of Organo-Iodate & Iodate in Iodine-127, 129 Speciation, Mobility, & Microbial Activity in Groundwater at DOE Sites; 3) HQ1001-0-SR, for Energy Employees Occupational Illness Compensation Program (EEOICPA); 4), SCW-0091, for Fate of Uranium During Transport Across the Groundwater-Surface Water Interface; and 5) SR071801-2-13, for Attenuation-Based Remedies for the Subsurface Applied Field Research Initiative at SR, attached hereto.

B. This modification formally incorporates the above referenced contract work authorization as part of the contract. Funds were previously allocated under FINPLANS #2, Continued ...

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)		
	James Lovett		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)			02/26/2013
		(Signature of Contracting Officer)	

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC09-08SR22470/335

PAGE OF
2 2

NAME OF OFFEROR OR CONTRACTOR
SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

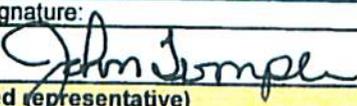
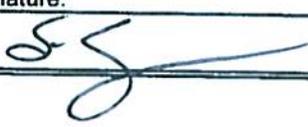
ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>#7 and #8 (FY 13) by separate modifications. As stated under DEAR 970.5211-1 Work Authorization (May 2007), paragraph (b), the work authorization, whether issued bilaterally or unilaterally shall become a part of the contract.</p> <p>C. The contract estimated value and all other terms and conditions remain unchanged.</p>				

Contract Work Authorizations

<u>Project Title</u>	<u>Number</u>	<u>Pages</u>
1) Risk Management Review & Assessment-D&D Design Guidance	SR071103	1
2) Collaborate Research: The Importance Of Organo-Iodate & Iodate in Iodine-127, 129 Speciation, Mobility & Microbial Activity in Groundwater at DOE Sites	SCW-0052	2
3) Energy Employees Occupational Illness Compensation Program (EEOICPA)	HQ1001-0-SR	5
4) Fate of Uranium During Transport Across The Groundwater-Surface Water Interface	SCW-0091	1
5) Attenuation-Based Remedies for the Subsurface Applied Field Research Initiative at SR	SR071801-13 <i>cor 02/27/13</i>	4

Attachment 1

Project Title: Risk Management Review & Assessment-D&D Design Guidance

U. S. DEPARTMENT OF ENERGY CONTRACT WORK AUTHORIZATION			
1a. Project Title Risk Management Review & Assessment-D&D Design Guidance		1b. Work Proposal Number SR071103	
2. Headquarters Program Point of Contact			
Name: Gary Peterson	Organization Code: EM-21	Phone: 301-903-1619	E-mail: gary.peterson@em.doe.gov
3. Headquarters Budget Point of Contact			
Name: Jeffrey McMillan	Organization Code: EM-61	Telephone: 301-903-7701	E-mail: jeffrey.mcmillan@em.doe.gov
4. Responsible Program Office of Environmental Management		5. Responsible Secretarial Officer Tracy P. Mustin	
6. Responsible Field Organization U.S. Department of Energy, Savannah River Operations			
7a. Site and Facility Management Contractor Savannah River Nuclear Solutions, LLC		7b. Contractor Point of Contact Name: John W. Temple Telephone No. (803) 952- 7210	
8. Work Authorization Number SR071103		9. Revision Number 0	
10. Funds Authorized Transfer of funds is between to projects; but within the same Budget & Reporting code EY4049130.			
TCR:	Previous:	Change:	Current:
SR071203	\$ 310.00	\$ (310.00)	\$ -
SR071103	\$ -	\$ 310.00	\$ 310.00
11. Performance Period Covered by Funds From: Oct 1, 2012 To: September 30, 2013		12. Work Start Date From: Oct. 1, 2012	
		13. Expected Completion Date To: Sept. 30, 2013	
14. Statement of Work (Includes attachments) Complete development of D&D design guidance.			
15. DOE-SR Program Point of Contact			
Name (printed): Patrick R. Jackson	Signature: 	Date: February 20, 2013	
16. DOE Budget Official			
Name (typed): Harold K. Nielsen	Signature: 	Date: 2/21/13	
17. Contractor's Authorized Representative			
Name (typed): John Temple	Signature: 	Date: 2/21/13	
18. DOE Contracting Officer (or delegated representative)			
Name (printed): Scott Langston	Signature: 	Date: 2/21/13	

Attachment 2

Project Title: Collaborate Research: The Importance of Organo -iodate & Iodate in Iodine-127, 129 Speciation, Mobility & Microbial Activity in Groundwater at DOE Sites

U. S. DEPARTMENT OF ENERGY
CONTRACT WORK AUTHORIZATION

1a. Project Title Collaborative Research: The Importance of Organo-Iodate & Iodate in Iodine-127, 129 Speciation, Mobility, & Microbial Activity in Groundwater at DOE Sites		1b. Work Proposal Number SCW-0052	
2. Headquarters Program Point of Contact Name: Sharlene Weatherwax Organization Code: SC-23 Telephone: 301-903-3251			
3. Headquarters Budget Point of Contact Name: Lisa Yost Organization Code: SC-41.2 Telephone: 301-903-2310			
4. Responsible Program Office of Science		5. Responsible Secretarial Officer Patricia Dehmer, Deputy Director for Science Programs	
6. Responsible Field Organization U.S. Department of Energy, Savannah River Operations			
7a. Site and Facility Management Contractor Savannah River Nuclear Solutions, LLC		7b. Contractor Point of Contact Name: John W. Temple Telephone No. (803) 952- 7210	
8. Work Authorization Number SCW-0052		9. Revision Number 0	

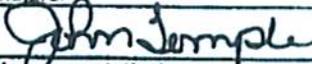
10. Funds Authorized (See NOTE below)
 NOTE: Reference Appropriation Act for Fiscal Year 2013: "Appropriations and funds made available and authority granted pursuant to this joint resolution shall be available until whichever of the following first occurs: (1) the enactment into law of an appropriation for any project or activity provided for in this joint resolution; (2) the enactment into law of the applicable appropriations Act for fiscal year 2013 without any provision for such project or activity; or (3) March 27, 2013. This is a distribution by the Program Office funds to continue funding Statement of Work. The attached budget detail and program comments relate to the January AFP recently submitted to the Chief Financial Officer by the Biological and Environmental Research program. In accordance with DOE Order 412.1a, the current FY 2013 Work Authorization for the Management and Operating (M&O) contract with the Savannah River Nuclear Solutions, LLC, continues to cover funding through the February AFP.

Budget and Reporting Code: KP170203	Previous: 15,639	Change: \$18,639	Current: \$18,639
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11. Performance Period Covered by Funds (See NOTE in Block 10) From: Oct. 1, 2012 To: Sep 30, 2013		12. Work Start Date From: Oct 1, 2012	13. Expected Completion Date To: Sep 30, 2013
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14. Statement of Work (Includes attachments)
 Funds redirected from prior year uncosted balances within Environmental Remediation to support project SCW-0052 to continue funding Statement of Work.

Year	B&R	Project	Amount
FY2007	KP1302	SCW-0044	(8376)
FY2009	KP160401	SCW-0091	(4787)
FY2009	KP150401	SCW-0044	(5476)
FY2007	KP170203	SCW-0091	8376
FY2009	KP170203	SCW-0091	10283

15. DOE-SR Program Point of Contact		
Name (printed):	Signature	Date
Patrick R. Jackson		February 14, 2013
16. DOE Budget Official		
Name (typed):	Signature:	Date:
Harold K. Nielsen		2/21/13
17. Contractor's Authorized Representative		
Name (typed):	Signature:	Date:
John Temple		2/21/13
18. DOE Contracting Officer (or delegated representative)		
Name (typed):	Signature:	Date:
Scott Langston		2/21/13

Attachment 3

**Project Title: Energy Employees Occupational Illness Compensation Program
(EEOICPA)**

**U. S. DEPARTMENT OF ENERGY
CONTRACT WORK AUTHORIZATION**

1a. Project Title Energy Employees Occupational Illness Compensation Program (EEOICPA)	1b. Work Proposal Number HQ1001-0-SR
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2. Headquarters Program Point of Contact		
Name: Greg Lewis	Organization Code: HS-14	Phone: 202-586-2784

3. Headquarters Budget Point of Contact		
Name: Debra James	Organization Code: HS-10	Telephone No. 301-983-3465

4. Responsible Program Office of Health, Safety, and Security	5. Responsible Secretarial Officer Stephen Kirchhoff
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6. Responsible Field Organization U.S. Department of Energy, Savannah River Operations
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7a. Site and Facility Management Contractor Savannah River Nuclear Solutions, LLC	7b. Contractor Point of Contact Name: John W. Temple Telephone No. (803) 952- 7210
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8. Work Authorization Number HQ1001-0-SR	9. Revision Number 1
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10. Funds Authorized (See NOTE below)
NOTE: Reference Appropriation Act for Fiscal Year 2013: "Appropriations and funds made available and authority granted pursuant to this joint resolution shall be available until whichever of the following first occurs: (1) the enactment into law of an appropriation for any project or activity provided for in this joint resolution; (2) the enactment into law of the applicable appropriations Act for fiscal year 2013 without any provision for such project or activity; or (3) March 27, 2013. This is a distribution by the Program Office to continue funding Statement of Work.

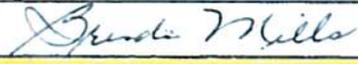
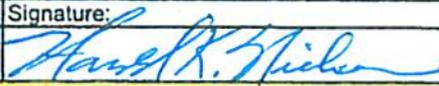
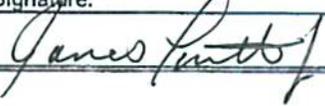
Date	Budget and Reporting Code:	Previous:	Change:	Current:
Oct	HQ1001000	\$ 125,000.00	\$ -	
Jan	HQ1001000		\$ 100,000.00	\$ 225,000.00

11. Performance Period Covered by Funds (See NOTE in Block 10) From: October 1, 2012 To: September 30, 2013	12. Work Start Date From: Oct. 1, 2012	13. Expected Completion Date To: Sept. 30, 2013
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14. Statement of Work (Includes attachments)
The funding provided through this financial plan is to be used to conduct the following work tasks to implement EEOICPA, including claims under both Subtitle B and Subtitle E of the EEOICPA. These tasks include:
 1) Perform the work necessary to complete Employment Verifications requested by DOL for the EEOICPA Subtitle B program.
 2) Perform the work necessary to provide radiation dose records requested by NIOSH as part of the EEOICPA Subtitle B program.
 3) Perform the work necessary to complete Document Acquisition Request (DAR) requested by DOL as part of the EEOICPA Subtitle E program.
 4) Perform other necessary EEOICPA related records work as needed.
 5) Maintain local records to track the activities conducted under EEOICPA.

FY 2013 DELIVERABLES:
 By the 15th of each month provide monthly reports that include the number of records requests received, number completed and cost per request for each of the three types of requests. This report should be sent to:
 • HS-14 (Greg Lewis),
 • HS-10 Budget Contact (Jeanette Yarrington)
 • HS-81 Budget Contact (Debra James)

U. S. DEPARTMENT OF ENERGY
CONTRACT WORK AUTHORIZATION

1a. Project Title		1b. Work Proposal Number	
Energy Employees Occupational Illness Compensation Program (EEOICPA)		HQ1001-0-SR	
15. DOE-SR Program Point of Contact			
Name (printed):	Signature:	Date:	
Brenda Mills		1/29/13	
16. DOE Budget Official			
Name (typed):	Signature:	Date:	
Harold K. Nielsen		1/31/13	
17. Contractor's Authorized Representative			
Name (typed):	Signature:	Date:	
John Temple	 for JTW	2/11/13	
18. DOE Contracting Officer (or delegated representative)			
Name (typed):	Signature:	Date:	
Jim Lovett		2/21/13	



Department of Energy
Washington, DC 20585

January 2, 2013

MEMORANDUM FOR DR. DAVE MOODY
MANAGER
SAVANNAH RIVER OPERATIONS OFFICE

FROM: STEPHEN A. KIRCHHOFF *SA Kirchhoff*
DIRECTOR
OFFICE OF RESOURCE MANAGEMENT
OFFICE OF HEALTH, SAFETY AND SECURITY

SUBJECT: January FY 2013 Approved Funding Program

The attached work authorization is consistent with changes made in the January 2013 financial plans. As stated in DOE Order 412.1, work authorizations are to be issued/revised when there is a change in funding or program guidance.

Please return a copy of the signed work authorization to the appropriate Headquarters budget point-of-contact listed on the work authorization. The signed (and returned) work authorization is written documentation that provides the Headquarters program manager with confirmation that transferred funds were received, work accepted, and the effort will proceed as stated.

We appreciate your assistance and support in carrying out the Work Authorization System. Please contact me if you have any questions on 202-586-3373. If your staff has any questions or problems, please contact the appropriate budget point-of-contact listed on the work authorization.

Attachment:
2013-HS-2001036, Rev. 1

cc w/attachment:
Eliberto Seguinot, SR
Rachel Zoss, SR
H. Kriss Nielsen, SR
Patricia Petty, SR



Project Number: 2013-HS-2001036

WORK AUTHORIZATION

U.S. DEPARTMENT OF ENERGY
Management and Operating (M & O) Contract Work Authorization

1. INITIATOR(s): Pat Worthington HS-10 301-803-6926
Name & Signature Organization Code Phone
2. PROJECT TITLE: Energy Employees Occupational Illness Compensation Program (EEOICPA) AC:
3. RESPONSIBLE PROGRAM SECRETARIAL OFFICE: Office of Health, Safety, and Security
4. RESPONSIBLE FIELD OFFICE: Savannah River
5. M & O CONTRACTOR NAME: Savannah River / 410225 / 410225 (SR - SRC)
6. WORK AUTHORIZATION NO: HQ1001 - 0 - SR

7. FUNDS HEREBY AUTHORIZED (WHOLE DOLLARS) TOTAL BUDGET AUTHORITY: \$225,000.00
TOTAL BUDGET OUTLAY: \$225,000.00

B & R	Program	ORG	Transaction Type	Rev.	Date	Budget Authority	Budget Outlay
HQ1001000	3184701	HS-10	Fund Project from B&R	0	10/1/2012	\$125,000.00	\$125,000.00
HQ1001000	3184701	HS-10	Fund Project from B&R	1	1/1/2013	\$100,000.00	\$100,000.00

8. PERFORMANCE PERIOD COVERED BY FUNDS: FROM: 10/1/2012 TO: 9/30/2013
9. WORK START DATE: 10/1/2012 10. EXPECTED COMPLETION DATE: TBD
11. FUTURE FUNDING PLANNED: To Be Determined

12. WORK AUTHORIZED:
See attached Statement of Work.

13. WORK AUTHORIZATION OFFICIAL: Stephan A. Kirchhoff 1/2/2013
NAME AND SIGNATURE DATE
14. OPERATIONS OFFICE OFFICIAL: _____
15. M & O CONTRACTOR OFFICIAL: _____
- HEADQUARTERS BUDGET POINT OF CONTACT: Debra James 12-18-12
Debra James, 301-803-3485
- FIELD/CONTRACTOR POINT OF CONTACT: _____

Laboratory/Contractor: The Savannah River Site (CID#: 410225)

Laboratory/Contractor Contact: Regina Price

Phone: 803-952-6288

HS Program Contact: Greg Lewis Org: HS-14 Phone: 202-586-2784

OVERALL PROJECT GOAL/OBJECTIVE:

The Energy Employees Occupational Illness Compensation Program Act of 2000 (EEOICPA) establishes a program to provide compensation to current and former employees of the Department of Energy (DOE), its contractors and subcontractors, companies that provided beryllium to DOE, and atomic weapons employers (AWE's). Under EEOICPA, DOE is required to verify employment histories, provide medical records, and provide radiation dose records and other information pertinent to National Institute for Occupational Safety and Health (NIOSH) radiation dose reconstruction and Department of Labor (DOL) Subtitle B and Subtitle E case preparation for anyone who applies for compensation under EEOICPA.

FUNDING FOR THE FOLLOWING ACTIVITIES:

The funding provided through this financial plan is to be used to conduct the following work tasks to implement EEOICPA, including claims under both Subtitle B and Subtitle E of the EEOICPA. These tasks include:

1) Perform the work necessary to complete Employment Verifications requested by DOL for the EEOICPA Subtitle B program.

- Work with corporate entities or unions to verify employment of former site workers.
- Complete all necessary claims forms associated with the request.
- Research and retrieve records needed to complete claims forms.
- Complete declassification, as needed, of records required for the processing of claims forms.

2) Perform the work necessary to provide radiation dose records requested by NIOSH as part of the EEOICPA Subtitle B program.

- Complete and sign off on all necessary claims forms associated with the request.
- Research and retrieve records needed to complete claims forms.
- Complete declassification, as needed, of records required for the processing of claims forms.

3) Perform the work necessary to complete Document Acquisition Request (DAR) requested by DOL as part of the EEOICPA Subtitle E program.

- Complete and sign off on all necessary claims forms associated with the request.
- Research and retrieve records needed to complete claims forms.

WAS Project No.: 2013-HS-2001036

- Complete declassification, as needed, of records required for the processing of claims forms.
- 4) Perform other necessary EEOICPA related records work as needed.
 - 5) Maintain local records to track the activities conducted under EEOICPA.

FY 2013 DELIVERABLES:

DATES:

Provide monthly reports that include the number of records requests received, number completed and cost per request for each of the three types of requests. This report should be sent to:

15th of the following month

- HS-14 (Greg Lewis),
- HS-10 Budget Contact (Jeanette Yarrington)
- HS-81 Budget Contact (Debra James).

**FY 2013 FUNDING FOR JANUARY FINANCIAL PLAN:
\$100,000**

**Project Title: Fate of Uranium During Transport Across the Groundwater-Surface
Water Interface**

U. S. DEPARTMENT OF ENERGY CONTRACT WORK AUTHORIZATION			
1a. Project Title		1b. Work Proposal Number	
Fate of Uranium During Transport Across the Groundwater-Surface Water Interface		SCW-0091	
2. Headquarters Program Point of Contact			
Name: Sharlene Weatherwax		Organization Code: SC-23	Telephone: 301-903-3251
3. Headquarters Budget Point of Contact			
Name: Lisa Yost		Organization Code: SC-41.2	Telephone: 301-903-2310
4. Responsible Program		5. Responsible Secretarial Officer	
Office of Science		Patricia Dehmer, Deputy Director for Science Programs	
6. Responsible Field Organization			
U.S. Department of Energy, Savannah River Operations			
7a. Site and Facility Management Contractor		7b. Contractor Point of Contact	
Savannah River Nuclear Solutions, LLC		Name: John W. Temple Telephone No. (803) 952- 7210	
8. Work Authorization Number		9. Revision Number	
SCW-0091		0	
10. Funds Authorized (See NOTE below)			
NOTE: Reference Appropriation Act for Fiscal Year 2013: "Appropriations and funds made available and authority granted pursuant to this joint resolution shall be available until whichever of the following first occurs: (1) the enactment into law of an appropriation for any project or activity provided for in this joint resolution; (2) the enactment into law of the applicable appropriations Act for fiscal year 2013 without any provision for such project or activity; or (3) March 27, 2013. This is a distribution by the Program Office funds to continue funding Statement of Work. The attached budget detail and program comments relate to the January AFP recently submitted to the Chief Financial Officer by the Biological and Environmental Research program. In accordance with DOE Order 412.1a, the current FY 2013 Work Authorization for the Management and Operating (M&O) contract with the Savannah River Nuclear Solutions, LLC, continues to cover funding through the January AFP.			
Budget and Reporting Code:	Previous:	Change:	Current:
KP170203	\$0	\$18,639	\$18,639
11. Performance Period Covered by Funds (See NOTE in Block 10)		12. Work Start Date	13. Expected Completion Date
From: Oct. 1, 2012	To: Sep 30, 2013	From: Oct. 1, 2012	To: Sep 30, 2013
14. Statement of Work (Includes attachments)			
Funds redirected from prior year uncosted balances within Environmental Remediation to support project SCW-0091 to continue funding Statement of Work.			
	Year	B&R	Project
	Amount		
	FY2007	KP1302	SCW-0044
	(8376)		
	FY2009	KP150401	SCW-0052
	(4787)		
	FY2009	KP150401	SCW-0044
	(5476)		
	FY2007	KP170203	SCW-0091
	8376		
	FY2009	KP170203	SCW-0091
	10263		
15. DOE-SR Program Point of Contact			
Name (printed):	Signature:	Date:	
Patrick R. Jackson	<i>Patrick R. Jackson</i>	01/29/13	
16. DOE Budget Official			
Name (typed):	Signature:	Date:	
Harold K. Nielsen	<i>Harold K. Nielsen</i>	1/31/13	
17. Contractor's Authorized Representative			
Name (typed):	Signature:	Date:	
John Temple	<i>John Temple</i>	2/21/13	
18. DOE Contracting Officer (or delegated representative)			
Name (typed):	Signature:	Date:	
Scott Langston	<i>Scott Langston</i>	2/22/13	

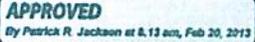
Attachment 5

**Project Title: Attenuation-Based Remedies for the Subsurface Applied Field
Research Initiative at SR**

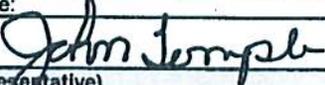
**U. S. DEPARTMENT OF ENERGY
CONTRACT WORK AUTHORIZATION**

1a. Project Title Attenuation-Based Remedies for the Subsurface Applied Field Research Initiative at Savannah River		1b. Work Proposal Number	
2. Headquarters Program Point of Contact			
Name Grover Chamberlain	Organizational Code EM-12	Telephone 301.903.7248	
3. Headquarters Budget Point of Contact			
Name Jeffrey McMillan	Organizational Code EM-61	Telephone 301.903.7701	
4. Responsible Program Environmental Management		5. Responsible Secretarial Officer M. Gilbertson	
6. Responsible Field Organization U.S. Department of Energy, Savannah River Operations			
7a. Site and Facility Management Contractor Savannah River Nuclear Solutions, LLC		7b. Contractor Point of Contact Name: John W. Temple Telephone No. (803) 952- 7210	
8. Work Authorization Number SRO71801-2-13		9. Revision Number 0	
10. Funds Authorized (See NOTE below)			
NOTE: Reference Appropriation Act for Fiscal Year 2013: "Appropriations and funds made available and authority granted pursuant to this joint resolution shall be available until whichever of the following first occurs: (1) the enactment into law of an appropriation for any project or activity provided for in this joint resolution; (2) the enactment into law of the applicable appropriations Act for fiscal year 2013 without any provision for such project or activity; or (3) March 27, 2013.			
Budget and Reporting Code: EY4049110	Previous: \$ 115,062.37	Change: \$0.00	Current: \$ 115,062.37
11. Performance Period Covered by Funds 10/1/2012 3/27/2013		12. Work Start Date 10/1/2012	13. Expected Completion Date 3/27/2013
14. Statement of Work (Includes attachments)			
<p>Task 1: Enhanced Attenuation of Uranium and ¹²⁹I by Humic Acid Pilot field-scale tests and optimization of this technology to move this technical approach from basic science to actual field deployment and regulatory acceptance.</p> <p>Task 2: Develop Strategy from SOMERS w/PNNL SRNL participation on the Scientific Opportunities for Monitoring Environmental Remediation Sites (SOMERS) team to develop improved strategies for monitoring subsurface groundwater contamination.</p> <p>Task 3: Road map for End Points w/PNNL SRNL participation on the DOE-EM Roadmap team that is tasked with defining technically defensible end states, systems-based remediation approaches and systems-based monitoring strategies that include closure solutions that are cost-effective, sustainable, and protective of public health and natural resources at DOE sites.</p> <p>Task 4: Management of the Technical Assistance Program Management of the technical assistance program including helping site problem holders to develop technical needs statements, selection of the technical experts, contracting of non-SRNL participants, management of the team meeting, and preparation of the technical assistance team report</p> <p>Note: Period of performance for this work scope ends September 30, 2013.</p>			

Year	B&R Code	Project	Amount
2006	EY4049110	0003925	\$ 2,984.79
2007	EY4049110	0003925	\$ 2,871.76
2009	EY4049110	0003925	\$ 89,437.70
2011	EY4049110	0003925	\$ 19,768.12
2006	EY4049110	0001774	\$ (2,984.79)
2007	EY4049110	0003945	\$ (2,871.76)
2009	EY4049110	0003962	\$ (77,205.53)
2011	EY4049110	0003958	\$ (19,768.12)
2009	EY4049110	0003970	\$ (12,232.17)

15. DOE-SR Program Point of Contact		
Name (printed):	Signature:	Date:
Patrick R. Jackson		February 20, 2013

16. DOE-SR Field Budget Official		
Name (typed):	Signature:	Date:
Harold K. Nielsen		2/21/13

17. Contractor's Authorized Representative		
Name (typed):	Signature:	Date:
John Temple		2/21/13

18. DOE Contracting Officer (or delegated representative)		
Name (typed):	Signature:	Date:
Scott Langston		2/21/13

Block 10

B&R Code	Previous	Change=	New BA	Current=TAC
EY4049110	\$ 115,062.37		\$0.00	\$115,062.37

Block 14 Statement of Work

Appr Year	B&R Code	Project	Amount
2006	EY4049110	0003925	\$2,984.79
2007	EY4049110	0003925	\$2,871.76
2009	EY4049110	0003925	\$89,437.70
2011	EY4049110	0003925	\$19,768.12
2006	EY4049110	0001774	(\$2,984.79)
2007	EY4049110	0003945	(\$2,871.76)
2009	EY4049110	0003962	(\$77,205.53)
2011	EY4049110	0003958	(\$19,768.12)
2009	EY4049110	0003970	(\$12,232.17)

Funds redirected from prior year uncosted balances within B&R EY4049110 to support project 0003925 to continue funding Statement of Work.

