

**U.S. NUCLEAR REGULATORY COMMISSION  
NOTICE OF GRANT/ASSISTANCE AWARD**

1. GRANT/AGREEMENT NO. NRC-HQ-11-G-04-0089		2. MODIFICATION NO. M001		3. PERIOD OF PERFORMANCE FROM: 09/26/2011 TO: 09/25/2016		4. AUTHORITY Pursuant to Section 31b and 141b of the Atomic Energy Act of 1954, as amended	
5. TYPE OF AWARD  <input checked="" type="checkbox"/> GRANT <input type="checkbox"/> COOPERATIVE AGREEMENT		6. ORGANIZATION TYPE  Public State-Controlled Institution of Higher ED DUNS: 233016265 NAICS: 541690		7. RECIPIENT NAME, ADDRESS, and EMAIL ADDRESS  International Commission on Radiological Protection 280 Slater Street Ottawa, ON K1P 5S9 CANADA			
8. PROJECT TITLE: Development of Recommendations and Guidance for Radiological Protection Standards, and Cooperation with US Federal Agencies							
9. PROJECT WILL BE CONDUCTED PER GOVERNMENT'S/RECIPIENT'S PROPOSAL(S) DATED  See Program Description AND APPENDIX A-PROJECT GRANT PROVISIONS		10. TECHNICAL REPORTS ARE REQUIRED <input checked="" type="checkbox"/> PROGRESS AND FINAL <input type="checkbox"/> FINAL ONLY <input type="checkbox"/> OTHER (Conference Proceedings)		11. PRINCIPAL INVESTIGATOR(S) NAME, ADDRESS and EMAIL ADDRESS Dr. Christopher Clements International Commission on Radiological Protection 280 Slater Street Ottawa, ON K1P 5S9 CANADA Email: <a href="mailto:sci.sec@icrp.org">sci.sec@icrp.org</a> , Phone: 613-944-1918			
12. NRC PROGRAM OFFICE (NAME and ADDRESS) NRC Attn: Heather Dempsey, <a href="mailto:Heather.Dempsey@nrc.gov">Heather.Dempsey@nrc.gov</a> Office of Regulatory Research MS: CS C6-D20, (301) 251-7666 11545 Rockville Pike Rockville, Maryland 20852 Terry Brock, Technical Analyst, <a href="mailto:Terry.Brock@nrc.gov">Terry.Brock@nrc.gov</a>		13. ACCOUNTING and APPROPRIATION DATA APPN. NO: 31X0200 B&R NO: 2013-60-11-6-110 JOB CODE: G6001 BOC NO: 4110 OFFICE ID NO: RFPA: RES-13-014 FAMIS: GR0274		14. METHOD OF PAYMENT <input type="checkbox"/> ADVANCE BY TREASURY CHECK <input type="checkbox"/> REIMBURSEMENT BY TREASURY CHECK <input type="checkbox"/> LETTER OF CREDIT <input checked="" type="checkbox"/> OTHER (SPECIFY) Electronic ASAP.gov (See Remarks in Item #20 "Payment Information")			
15. NRC OBLIGATION FUNDS		16. TOTAL FUNDING AGREEMENT		This action provides funds for Fiscal Year FY 2013 in the amount of \$75,000.00			
THIS ACTION \$75,000.00		NRC \$375,000.00					
PREVIOUS OBLIGATION \$75,000.00		RECIPIENT					
TOTAL \$150,000.00		TOTAL \$375,000.00					
17. NRC ISSUING OFFICE (NAME, ADDRESS and EMAIL ADDRESS)  U.S. Nuclear Regulatory Commission Division of Contracts M'Lita Carr, <a href="mailto:MLita.Carr@nrc.gov">MLita.Carr@nrc.gov</a> Mail Stop: TWB-01-B10M Rockville, MD 20852							
18.  Signature Not Required				19. NRC CONTRACTING OFFICER			
				<div style="display: flex; justify-content: space-between;"> <div> <u>M'Lita Carr</u> (Signature) NAME (TYPED) M'Lita Carr TITLE Grants Officer TELEPHONE NO. 301-492-3464 </div> <div> 11/14/2012 (Date) </div> </div>			
20. PAYMENT INFORMATION							
<p>Payment will be made within thirty (30) days after the receipt of the billing unless the bill is improper or the recipient has failed to comply with the program objectives, award conditions, federal reporting requirements or other conditions specified in conditions in 2 CFR 215 (OMB Circular A110).</p> <p>Payment will be made by: <span style="float: right;">Vouchers should be submitted on <u>Standard Form 270</u> to:</span></p> <div style="display: flex; justify-content: space-between;"> <div> Department of Interior/ NBC  NRCPayments.gov  Attn: Fiscal Services Branch - D2770  7301 West Mansfield Avenue  Denver, CO 80235-3230 </div> <div> U.S Nuclear Regulatory Commission  11545 Rockville Pike  Division of Contracts/Attn: M'Lita Carr  Mail Stop: TWB-01-B10M  Rockville, MD 20852 </div> </div> <p>*Please see Attachment-D for detailed information*</p>							
21. Attached is a copy of the "NRC General Provisions for Grants and Cooperative Agreements Awarded to Non-Government Recipients. Acceptance of these terms and conditions is acknowledged when Federal funds are used on this project.							
22. ORDER OF PRECEDENCE In the event of a conflict between the recipient's proposal and this award, the terms of the Award shall prevail.							
23. By this award, the Recipient certifies that payment of any audit-related debt will not reduce the level of performance of any Federal Program.							

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

ADM002

**DESCRIPTION OF MODIFICATION:**

The purpose of this modification M001 is:

1. Provide incremental funding in the amount of \$75,000.00;
2. Revise Payment Information;
3. Update Project Manager;
4. Update FFR and PPR reporting information.

As a result of this modification:

1.
  - A. The obligated amount has increased by \$75,000.00 from \$75,000.00 to \$150,000.00 thereby increasing the total obligated amount to \$150,000.00;
  - B. Block 12 of the US Nuclear Regulatory Commission, Notice of Grant Assistance Award, delete in its entirety and replace with the following:

"NRC PROGRAM OFFICE (NAME and ADDRESS)

U.S. Nuclear Regulatory Commission  
Office of Nuclear Regulatory Research  
Attn: Heather Dempsey, [Heather.Dempsey@nrc.gov](mailto:Heather.Dempsey@nrc.gov)  
Mail Stop: C5A24M  
Washington, DC 20555  
Terry Brock, Technical Analyst, [Terry.Brock@nrc.gov](mailto:Terry.Brock@nrc.gov)"

- C. Block 20 of the US Nuclear Regulatory Commission, Notice of Grant Assistance Award entitled "PAYMENT INFORMATION" was deleted in its entirety and replaced with invoicing information and attached are invoicing instructions;

2.
  - A. ATTACHMENT A – SCHEDULE, Section A.GENERAL item number 2 entitled "Total Obligated Amount", delete in its entirety and replace with the following:

"2. Total Obligated Amount: \$150,000.00"

- B. ATTACHMENT A – SCHEDULE, Section A.GENERAL item number 5 entitled "NRC Project Officer", delete in its entirety and replace with the following:

"5. NRC Project Officer: Heather Dempsey, Terry Brock, TA"

- C. ATTACHMENT C – STANDARD TERMS AND CONDITIONS, the section entitled "Automated Standard Application For Payments (ASAP) Procedures" found on page 12 is deleted in its entirety;
  - D. ATTACHMENT C – STANDARD TERMS AND CONDITIONS, entitled "Monitoring and Reporting § 215.50-53" section B – Federal Financial Reports is deleted in its entirety and replaced with the following:

"b. Federal Financial Reports

C. ATTACHMENT C – STANDARD TERMS AND CONDITIONS, entitled "Monitoring and Reporting

The Grantee shall submit a "Federal Financial Report" (SF-425) on a quarterly basis for the periods ending March 31, June 30, September 30, and December 31, or any portion thereof, unless otherwise specified in a special award condition. Reports are due no later than 30 days following the end of each reporting period. A final SF-425 is due within 90 days after expiration of the award. The report should be submitted electronically to the following:

1. Grants\_FFR@NRC.gov (NOTE: There is an underscore between Grants and FFR);
2. RESGrants.Resource@NRC.gov ;
3. Technical Analyst; and
4. Grants Officer."

- E. ATTACHMENT C – STANDARD TERMS AND CONDITIONS entitled "III. Programmatic Requirements" section Performance (Technical) Reports is deleted in its entirety and replaced with the following:

**"Performance (Technical) Reports**

a. The Grantee shall submit performance (technical) reports electronically to the NRC Project Officer and Grants Officer on a quarterly for the periods ending March 31, June 30, September 30, and December 31, or any portion thereof, unless otherwise specified in a special award condition. Reports are due no later than 30 days following the end of each reporting period. The report should be submitted electronically to the following:

1. Grants\_PPR@NRC.gov (NOTE: There is an underscore between Grants and PPR);
2. RESGrants.Resource@NRC.gov ;
3. Technical Analyst; and
4. Grants Officer.

b. Unless otherwise specified in the award provisions, performance (technical) reports shall contain brief information as prescribed in the applicable uniform administrative requirements 2 CFR §215.51 which are incorporated in the award.

c. The Office of Regulatory Research requires the submission of progress reports on the SF-RPPR on a quarterly basis for the periods ending March 31, June 30, September 30, and December 31, or any portion thereof, unless otherwise specified in a special award condition. Reports are due no later than 30 days following the end of each reporting period."

**Attachment D- Invoicing Instructions**

**General:** During performance and through final payment of this grant, the grantee is responsible for the accuracy and completeness of data within the System for Award Management (SAM) database and for any liability resulting from the Government's reliance on inaccurate or incomplete SAM data.

The grantee shall prepare invoices/vouchers for payment of deliverables identified in the contract, in the manner described herein. FAILURE TO SUBMIT INVOICES/VOUCHERS IN ACCORDANCE WITH THESE INSTRUCTIONS MAY RESULT IN REJECTION OF THE INVOICE/VOUCHER AS IMPROPER.

**Standard Forms:** Payment requests for completed work, in accordance with the grant, shall be submitted on the payee's letterhead, invoice/voucher, or on the Government's Standard Form 1034, "Public Voucher for Purchases and Services Other than Personal," and Standard Form 1035, "Public Voucher for Purchases Other than Personal--Continuation Sheet."

**Electronic Invoice/Voucher Submissions:** The preferred method of submitting invoices/vouchers is electronically to the U.S. Department of the Interior's National Business Center, via email to: [NRCPayments\\_NBCDenver@NBC.gov](mailto:NRCPayments_NBCDenver@NBC.gov).

**Hard-Copy Invoice/Voucher Submissions:** If you submit a hard-copy of the invoice/voucher, a signed original and supporting documentation shall be submitted to the following address:

Department of the Interior  
National Business Center  
Attn: Fiscal Services Branch - D2770  
7301 West Mansfield Avenue  
Denver, CO 80235-2230

**Agency Payment Office:** Payment will continue to be made by the office designated in the grant in Block 12 of Notice of Grant/Assistance Award Form.

**Frequency:** The contractor shall submit invoices/vouchers for payment once each month, unless otherwise authorized by the Grants Officer.

**Format:** Invoices/Vouchers shall be submitted in the format depicted on the attached sample form entitled "Invoice/Voucher for Purchases and Services Other Than Personal". Alternate formats are permissible only if they address all requirements of the Billing Instructions. The instructions for preparation and itemization of the invoice/voucher are included with the sample form.

Final vouchers/invoices shall be marked "FINAL INVOICE" or "FINAL VOUCHER".

**Currency:** Invoices/Vouchers must be expressed in U.S. Dollars.

**SAMPLE INVOICE/VOUCHER****(SAMPLE FORMAT - COVER SHEET)****1. Official Agency Billing Office**

Department of the Interior  
National Business Center  
Attn: Fiscal Services Branch - D2770  
7301 West Mansfield Avenue  
Denver, CO 80235-2230

**2. Invoice/Voucher Information**

- a. Payee's DUNS Number or DUNS+4. The Payee shall include the Payee's Data Universal Number (DUNS) or DUNS+4 number that identifies the Payee's name and address. The DUNS+4 number is the DUNS number plus a 4-character suffix that may be assigned at the discretion of the Payee to identify alternative Electronic Funds Transfer (EFT) accounts for the same parent concern.
- b. Payee's Name and Address. Show the name of the Payee as it appears in the contract and its correct address. Where the Payee is authorized to assign the proceeds of this contract in accordance with the clause at FAR 52.232-23, the Payee shall require as a condition of any such assignment, that the assignee shall register separately in the Central Contractor Registration (CCR) database at <http://www.ccr.gov> and shall be paid by EFT in accordance with the terms of this contract. See Federal Acquisition Regulation 52.232-33(g) Payment by Electronic Funds Transfer - Central Contractor Registration (October 2003).
- c. Grant Number. Insert the NRC grant number; as applicable.
- d. Invoice/Voucher. The appropriate sequential number of the invoice/voucher, beginning with 001 should be designated. Contractors may also include an individual internal accounting number, if desired, in addition to the 3-digit sequential number.
- e. Date of Invoice/Voucher. Insert the date the invoice/voucher is prepared.
- f. Billing Period. Insert the beginning and ending dates (day, month, year) of the period during which deliverables were completed and for which payment is requested.
- g. Description of Deliverables. Provide a brief description of supplies or services, quantity, unit price, and total price.
- h. Work Completed. Provide a general summary description of the services performed or products submitted for the invoice period.
- i. Total Amount Billed. Insert columns for total amounts for the current and cumulative periods.
- j. Grand Totals.
-

<b>REQUEST FOR ADVANCE OR REIMBURSEMENT</b>  (See instructions on back)		OMB APPROVAL NO <b>0348-0004</b>		PAGE <b>6</b> OF <b>6</b> PAGES
		1 TYPE OF PAYMENT REQUESTED <input type="checkbox"/> ADVANCE <input type="checkbox"/> REIMBURSEMENT <input type="checkbox"/> FINAL <input type="checkbox"/> PARTIAL		2 BASIS OF REQUEST <input type="checkbox"/> CASH <input type="checkbox"/> ACCRUAL
3 FEDERAL SPONSORING AGENCY AND ORGANIZATIONAL ELEMENT TO WHICH THIS REPORT IS SUBMITTED		4 FEDERAL GRANT OR OTHER IDENTIFYING NUMBER ASSIGNED BY FEDERAL AGENCY		5 PARTIAL PAYMENT REQUEST NUMBER FOR THIS REQUEST
6 DONOR IDENTIFICATION NUMBER	7 RECIPIENT'S ACCOUNT NUMBER OR IDENTIFYING NUMBER	8 PERIOD COVERED BY THIS REQUEST FROM (month day year) TO (month day year)		
9 RECIPIENT ORGANIZATION  Name  Number and Street  City, State and ZIP Code:		10 PAYEE (Where check is to be sent if different than Name 9)  Name  Number and Street  City, State and ZIP Code:		
<b>11 COMPUTATION OF AMOUNT OF REIMBURSEMENTS/ADVANCES REQUESTED</b>				
PROGRAMS/FUNCTIONS/ACTIVITIES	(a)	(b)	(c)	TOTAL
a. Total program outlays to date <i>(As of date)</i>	\$	\$	\$	\$
b. Less: Cumulative program income				
c. Net program outlays (Line a minus line b)				
d. Estimated net cash outlays for advance period				
e. Total (Sum of lines c & d)				
f. Non-Federal share of amount on line e				
g. Federal share of amount on line e				
h. Federal payments previously requested				
i. Federal share now requested (Line g minus line h)				
j. Advances required by month, when requested by Federal grantor agency for use in making preestimated advances	1st month			
	2nd month			
	3rd month			
<b>12 ALTERNATE COMPUTATION FOR ADVANCES ONLY</b>				
a. Estimated Federal cash outlays that will be made during period covered by the advance				\$
b. Less: Estimated balance of Federal cash on hand as of beginning of advance period				
c. Amount requested (Line a minus line b)				\$

AUTHORIZED FOR LOCAL REPRODUCTION

(Continued on Reverse)

STANDARD FORM 270 (Rev. 7-87)  
Prescribed by OMB Circulars A-102 and A-110

13 CERTIFICATION		
I certify that to the best of my knowledge and belief the data on the reverse are correct and that all outlays were made in accordance with the grant conditions or other agreement and that payment is due and has not been previously requested.	SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	DATE REQUEST SUBMITTED
	TYPED OR PRINTED NAME AND TITLE	TELEPHONE (AREA CODE) NUMBER EXTENSION

This space for agency use

Public reporting burden for this collection of information is estimated to average 60 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0004), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

## INSTRUCTIONS

Please type or print legibly. Items 1, 3, 5, 9, 10, 11e, 11f, 11g, 11i, 12 and 13 are self-explanatory; specific instructions for other items are as follows:

Item	Entry	Item	Entry
2	Indicate whether request is prepared on cash or accrued expenditure basis. All requests for advances shall be prepared on a cash basis.		activity. If additional columns are needed, use as many additional forms as needed and indicate page number in space provided in upper right; however, the summary totals of all programs, functions, or activities should be shown in the "Total" column on the first page.
4	Enter the Federal grant number or other identifying number assigned by the Federal sponsoring agency. If the advance or reimbursement is for more than one grant or other agreement, insert N/A; then show the aggregate amounts. On a separate sheet list each grant or agreement number and the Federal share of outlays made against the grant or agreement.	11a	Enter in "as of date," the month, day, and year of the ending of the accounting period to which this amount applies. Enter program outlays to date (net of refunds, rebates, and discounts) in the appropriate columns. For requests prepared on a cash basis, outlays are the sum of actual cash disbursements for goods and services, the amount of indirect expenses charged, the value of in-kind contributions applied, and the amount of cash advances and payments made to subcontractors and subrecipients. For requests prepared on an accrued expenditure basis, outlays are the sum of the actual cash disbursements, the amount of indirect expenses incurred, and the net increase (or decrease) in the amounts owed by the recipient for goods and other property received and for services performed by employees, contractors, subgrantees and other payees.
6	Enter the employer identification number assigned by the U.S. Internal Revenue Service or the FICE (institution) code if requested by the Federal agency.	11b	Enter the cumulative cash income received to date, if requests are prepared on a cash basis. For requests prepared on an accrued expenditure basis, enter the cumulative income earned to date. Under either basis, enter only the amount applicable to program income that was required to be used for the project or program by the terms of the grant or other agreement.
7	This space is reserved for an account number or other identifying number that may be assigned by the recipient.	11d	Only when making requests for advance payments, enter the total estimated amount of cash outlays that will be made during the period covered by the advance.
8	Enter the month, day, and year for the beginning and ending of the period covered in this request. If the request is for an advance or for both an advance and reimbursement, show the period that the advance will cover. If the request is for reimbursement, show the period for which the reimbursement is requested.	13	Complete the certification before submitting this request.
Note	The Federal sponsoring agencies have the option of requiring recipients to complete items 11 or 12, but not both. Item 12 should be used when only a minimum amount of information is needed to make an advance and outlay information contained in item 11 can be obtained in a timely manner from other reports.		
11	The purpose of the vertical columns (a), (b), and (c) is to provide space for separate cost breakdowns when a project has been planned and budgeted by program, function, or		

STANDARD FORM 270 (Rev. 1-87) Back

Base Period: September 26, 2011 - September 25, 2016 (unchanged)  
Assistance Award Ceiling: \$375,000.00 (unchanged)  
Total Obligated Amount: \$150,000.00 (changed)

All other terms and conditions remain unchanged

---