

UNITED STATES DEPARTMENT OF ENERGY (DOE)
Announcement of Scientific and Technical Information (STI)
(For Use By Financial Assistance Recipients and Non-M&O/M&I Contractors)

PART I: STI PRODUCT DESCRIPTION
(To be completed by Recipient/Contractor)

A. STI Product Identifiers

1. REPORT/PRODUCT NUMBER(s)

2. DOE AWARD/CONTRACT NUMBER(s)
DE-

3. OTHER IDENTIFYING NUMBER(s)

B. Recipient/Contractor

C. STI Product Title

D. Author(s)

E-mail Address(es):

E. STI Product Issue Date/Date of Publication

M	M	D	D	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

F. STI Product Type (Select only one)

1. TECHNICAL REPORT
 Final Other (specify) _____

2. CONFERENCE PAPER/PROCEEDINGS

Conference Information (title, location, dates)

3. JOURNAL ARTICLE
 a. TYPE: Announcement Citation Only
 Preprint Postprint
 b. JOURNAL NAME

 c. VOLUME d. ISSUE

 e. SERIAL IDENTIFIER (e.g. ISSN or CODEN)

4. OTHER, SPECIFY

G. STI Product Reporting Period

M	M	D	D	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Thru

M	M	D	D	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

H. Sponsoring DOE Program Office

I. Subject Categories (list primary one first)

 Keywords

J. Description/Abstract

K. Intellectual Property/Distribution Limitations
(must select at least one; if uncertain contact your Contracting Officer (CO))

1. UNLIMITED ANNOUNCEMENT *(available to U.S. and non-U.S. public; the Government assumes no liability for disclosure of such data)*

2. COPYRIGHTED MATERIAL: *Are there any restrictions based on copyright?* Yes No.
If yes, list the restrictions as contained in your award document

3. PATENTABLE MATERIAL: THERE IS PATENTABLE MATERIAL IN THE DOCUMENT.
INVENTION DISCLOSURE SUBMITTED TO DOE:
 DOE Docket Number: S-
(Sections are marked as restricted distribution pursuant to 35 USC 205)

4. PROTECTED DATA: CRADA Other, specify

Release date (required) no more than 5 years from date listed in Part I.E. above

M	M	D	D	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

5. SMALL BUSINESS INNOVATION RESEARCH (SBIR) DATA
Release date (Required) no more than 4 years from date listed in Part 1.E. above

M	M	D	D	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

6. SMALL BUSINESS TECHNOLOGY TRANSFER RESEARCH (STTR) DATA
Release date (Required) no more than 4 years from date listed in Part 1.E. above

M	M	D	D	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

7. OFFICE OF NUCLEAR ENERGY APPLIED TECHNOLOGY

L. Recipient/Contractor Point of Contact *Contact for additional information (contact or organization name to be included in published citations and who would receive any external questions about the content of the STI Product or the research contained therein)*

Name and/or Position

E-mail

Phone

Organization

UNITED STATES DEPARTMENT OF ENERGY (DOE)
Announcement of Scientific and Technical Information (STI)
(For Use By Financial Assistance Recipients and Non-M&O/M&I Contractors)

**PART II: STI PRODUCT MEDIA/FORMAT and
LOCATION/TRANSMISSION**

(To be completed by Recipient/Contractor)

A. Media/Format Information:

1. MEDIUM OF STI PRODUCT IS:
 - Electronic Document Computer Medium
 - Audiovisual Material Paper No Full-text
2. SIZE OF STI PRODUCT _____
3. SPECIFY FILE FORMAT OF ELECTRONIC DOCUMENT BEING TRANSMITTED, INDICATE:
 - SGML HTML XML PDF Normal
 - PDF Image TIFFG4
 - WP-indicate Version (5.0 or greater) _____
Platform/operating system _____
 - MS-indicate Version (5.0 or greater) _____
Platform/operating system _____
 - Postscript _____
4. IF COMPUTER MEDIUM OR AUDIOVISUAL MATERIAL:
 - a. Quantity/type (specify) _____
 - b. Machine compatibility (specify) _____
 - c. Other information about product format a user needs to know: _____

B. Transmission Information:

1. STI PRODUCT IS BEING TRANSMITTED:
 - a. Electronically via E-Link
 - b. Via mail or shipment to address indicated in award document (Paper products, CD-ROM, diskettes, videocassettes, etc.)

2. INFORMATION PRODUCT FILE NAME
 (of transmitted electronic format)

**PART III: STI PRODUCT REVIEW/RELEASE
INFORMATION**

(To be completed by DOE)

A. STI Product Reporting Requirement Review.

- 1. THIS DELIVERABLE COMPLETES ALL REQUIRED DELIVERABLES FOR THIS AWARD.
- 2. THIS DELIVERABLE FULFILLS A TECHNICAL INFORMATION REPORTING REQUIREMENT, BUT SHOULD NOT BE DISSEMINATED BEYOND DOE.

B. Awarding Office Is the Source of STI Product Availability

- THE STI PRODUCT IS NOT AVAILABLE IN AN ELECTRONIC MEDIUM. THE AWARDING OFFICE WILL SERVE AS THE INTERIM SOURCE OF AVAILABILITY.

C. DOE Releasing Official

- 1. I VERIFY THAT ALL NECESSARY REVIEWS HAVE BEEN COMPLETED AS DESCRIBED IN DOE G 241.1-1A, PART II, SECTION 3.0 AND THAT THE STI PRODUCT SHOULD BE RELEASED IN ACCORDANCE WITH THE INTELLECTUAL PROPERTY/DISTRIBUTION LIMITATION ABOVE.

Released by (name) _____

Date

M	M	D	D	Y	Y	Y	Y	Y	Y

E-Mail _____

Phone _____

Purpose: DOE F 241.3 provides the Office of Scientific and Technical Information (OSTI) information required to appropriately identify, process, and/or announce and disseminate the results of work funded by the U.S. Department of Energy (DOE). For general information or assistance with this form, contact OSTI at (865) 241-6435, or at the following e-mail address: 241user@adonis.osti.gov.

When to use: Submit this form with each scientific and technical information (STI) Product. Electronic format is the preferred method for submitting the announcement record and STI Product. When submitting electronically, use the electronic version of the form (<http://www.osti.gov/elink>; discuss with your DOE Contracting Officer).

Describing the data fields: Descriptions of the various DOE F 241.3 data fields, STI Products, format, etc., can be found in ATTACHMENT 3 and other sections of the DOE G 241.1-1A, Guide to the Management of Scientific and Technical Information. Available online at <http://www.osti.gov/stip/>

DOE Financial Assistance Recipients/Contractors: Recipients and Contractors should complete Parts I and II of the form and forward the form along with the STI product to the DOE Contracting Officer who will complete the rest of the form and submit the package to OSTI.

NOTE: Patentable, proprietary, or other STI Products for which access is restricted by statute or regulation shall not be transmitted via open systems networks (e.g., the Internet) unless authorization and/or encryption has been coordinated with OSTI in advance. This form, unless it in itself is classified, can be transmitted via open systems networks (e.g., the Internet).

Part I: STI PRODUCT DESCRIPTION (To be completed by Recipient/Contractor)

A. STI PRODUCT IDENTIFIERS.

1. Report/Product Number(s). This is a required field. The unique primary report or product number assigned to the STI product. If a report number is not provided, the word "NONE" should be entered.

Following are examples of report number formats for multiple volumes, parts, or revisions:

DOE/ID/13734-2

DOE/NE/01834—1-Pt.1

More than one report number may be provided. Multiple numbers are separated with a semicolon and a space. When more than one number is entered, the first number, considered the primary number, should identify the submitting organization. All other numbers are considered secondary numbers.

2. DOE Award/Contract Number(s). This is a required field. Enter the DOE award/contract number under which the work was funded. Additional DOE award/contract numbers related to the product may be entered. Multiple numbers are separated with a semicolon and a space. When more than one number is entered, the first number is considered the primary number.

3. Other Identifying Number(s). An additional unique identifying number assigned to the STI product. (e.g., CRADA numbers, Non-DOE contract numbers). More than one other identifying number may be provided. Multiple numbers are separated with a semicolon and a space.

B. RECIPIENT/CONTRACTOR. This is a required field. Provide the name and location of the organization that performed the research or issued the STI product. More than one organization may be provided; separate multiples with a semicolon and a space.

Example: University of Tennessee, Knoxville, TN

C. STI PRODUCT TITLE. This is a required field. Provide the title exactly as given on the product itself, including part, volume, edition, and similar information.

D. AUTHOR(s). This is a required field. Provide the name of the author (last name first) of the STI product. More than one author may be

provided; separate multiple entries with a semicolon and a space. If an author does not exist, the word "None" should be entered.

Examples: Jones, T.M.; Markay, Arthur R. III
Fields, J.M., ed.

Author(s) E-mail Address(es). Provide the e-mail address for each author. Multiples may be provided; they should be listed in the same order as the authors and should be separated by a semicolon and a space.

- E. STI PRODUCT ISSUE DATE/DATE OF PUBLICATION.** This is a required field. Provide the date when the information product was published or issued.
- F. STI PRODUCT TYPE.** This a required field. It should agree with the reporting requirement identified in the reporting requirements checklist; federal assistance reporting checklist; or in the statement of work if the product is a required deliverable that warrants accountability.
- 1. Technical Report.** Identify the type of technical report provided.
 - 2. Conference Paper/Proceedings.** Provide all conference papers, published proceedings, and all other available information (i.e., title, location, and dates). An agenda alone is not sufficient for announcement.
 - 3. Journal Article.** Provide all available Journal Article information.
- G. STI PRODUCT REPORTING PERIOD.** Specify the beginning and ending dates of the period covered by the STI product.
- H. SPONSORING DOE PROGRAM OFFICE.** Enter the name or acronym of the DOE Program Office (e.g., Office of Science or SC) providing the funding for the work described in the STI product. For projects funded by more than one Program Office, indicate all sources of the DOE funding in descending order of dollar amount of funding appropriated. Separate multiple program offices with a semicolon and a space. If no sponsoring DOE Program Office is provided, "DOE" will be the sponsor.
- I. SUBJECT CATEGORIES.** Select one or more categories from the list provided. List the primary one first. A list of subject categories is available at (<http://www.osti.gov/elink/>).
- Keywords.** Provide terms which describe the content of the publication. More than one term may be entered; separate multiple terms with a semicolon and a space.
- J. DESCRIPTION/ABSTRACT.** Provide a clear, concise, and publicly releaseable English language summary of the information content of the STI product. The abstract length should be no more than 5,000 characters.
- K. INTELLECTUAL PROPERTY/DISTRIBUTION LIMITATIONS.** This is a required field. STI products should be written for public release; therefore, STI products should not contain proprietary, classified or any information subject to export control. Recipients/Contractors are responsible for notifying their DOE contracting officer if the document contains other than unclassified data before submitting to the DOE address in the award document. Recommendations to restrict access to STI products must have a legal basis or be protected in accordance with terms and conditions of the award. For questions concerning current laws and guidance, refer to Part II or ATTACHMENT 7 of the DOE G 241.1-1A, Guide to the Management of Scientific and Technical Information, or contact your DOE Contracting Officer.
- 1. Unlimited Announcement.** The unrestricted, unlimited distribution of the product (will be made publicly available). The Government assumes no liability for disclosure of such data.
 - 2. Copyrighted Material.** A copyright restriction on part or all of the contents of the STI product may affect the reproduction and distribution of the product by OSTI. Any restriction must be specified.
 - 3. Patentable Material.** Provide all applicable patent information.
 - 4. Protected data.** The specific technical data first produced in the performance of a government contract, grant, cooperative agreement, or

CRADA, which is protected from public release for a period of time as set forth in the award document.

5. Small Business Innovation Research (SBIR) Data. Select only if an SBIR Rights Notice appears on the front page of the STI product.

6. Small Business Technology Transfer (STTR) Data. Select only if an STTR Rights Notice appears on the front page of the STI product.

7. Office of Nuclear Energy Applied Technology. Pursuant to 10 CFR 810.

L. RECIPIENT/CONTRACTOR POINT OF CONTACT. Provide the organization or individual(s) name with corresponding contact information who will be included in the published citation as the point of contact and will respond to external questions about the content of the STI product.

Part II. STI PRODUCT MEDIA/FORMAT AND LOCATION/TRANSMISSION
(To be completed by Recipient/Contractor)

A. MEDIA/FORMAT INFORMATION

1. Medium. This is a required field. Select one of the medium options provided. Note: When announcement record only is submitted, select "No full-text".

2. Size of STI Product. Provide the total number of images or other designation which gives an indication of the information product. (e.g., 20 images; 5 Megabytes; 5-3.5 inch diskettes; 200 pages.)

3. File Format. This is a required field if the STI product is electronic full-text. Select one of the options provided.

4. If Computer Medium or Audiovisual Material (do not include software packages)

a. Indicate the quantity and type of medium, e.g., 2 videocassettes, 1 magnetic tape.

b. Indicate the machine with which the medium is compatible, i.e., with which it can be used (e.g., VHS; IBM PC-compatible, hard disk, 8 Megs.)

c. Enter any other information which would be helpful to the user of the STI product (e.g., programming language, file format, etc.)

B. LOCATION/TRANSMISSION INFORMATION

1. STI Product Is Being Transmitted:

a. This is a required field if the full-text STI product is being transmitted electronically via E-Link at <https://www.osti.gov/elink/>.

b. This is a required field if an electronic copy of the STI product that is being transmitted via other computer-generated medium or other

method is being transmitted via mail or other shipment method (CD-ROM, diskettes, videocassettes, etc.).

2. This is a required field. Provide information product filename of transmitted electronic format.

Part III: STI PRODUCT REVIEW/RELEASE INFORMATION (To be completed by DOE)

A. STI PRODUCT REPORTING REQUIREMENT REVIEW

1. This is a required field if all other required STI products have been received for this award by OSTI and this STI product is the final deliverable required according to the technical information reporting requirement.

2. Indicated if the STI product is not suitable for dissemination beyond DOE based on report type or content; however, it is being submitted because it fulfills a technical information reporting requirement.

B. AWARDING OFFICE IS THE SOURCE OF STI PRODUCT

AVAILABILITY- If the Recipient/Contractor indicates paper as the medium of the STI product in Part II, A.I, this will indicate the awarding office will be the source of availability of the product until such time as it is provided to OSTI in electronic media. The awarding office may modify the media/format indicated in Part II, A.I, when the paper copy is appropriately converted to electronic format for transmission to OSTI.

C. RELEASING OFFICIAL - This is a required field. Provide the name and additional information of the site's individual(s) responsible for the appropriate review and release of the STI product. Do not forward this form or the STI product until after it has been reviewed and released for announcement.

OMB BURDEN DISCLOSURE STATEMENT

Public reporting burden for this collection of information is estimated to average 30 minutes per response, including the 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 Information, Records and Resource Management, SO-31, FORS, U.S. Department of Energy, Washington, DC 20585 and to the Office of Management and Budget (OMB), Paperwork Reduction Project (1910-1400), Washington, D.C. 20503.