

responsibility of the CC is to coordinate all ECDS-related institutional communications. In the second stage, the 2017 ECDS will select a sample of up to 22,855 ECD to participate in the survey with the goal of attaining 18,000 eligible ECD respondents. The HA, with the help of the CC, will notify the sampled individuals of their selection and NSF will survey these individuals.

*Estimate of Burden:* In the 2017 ECDS, taking into account all five respondent types (HA, CC, LC, ECD, and ineligible respondents), we estimate the total

respondent burden to be 12,641 hours. We estimate a total burden of 157 hours for HAs, 470 hours for CCs, 2,400 hours for list coordinators, 9,600 hours for ECD, and 14 hours for ineligible respondents. These estimates use the burden information collected during the Pilot ECDS and assume that 300 institutions will participate (approximately 86%) during stage 1 of the 2017 ECDS data collection, 240 of the participating institutions (80%) will send pre-notification emails to potential

respondents in stage 2 of data collection, and that the 22,855 sample size will result in 18,000 eligible responding ECD and 410 ineligible respondents. The amount of time for eligible responding ECD to complete the 2017 ECDS questionnaire may vary depending on an individual's circumstances; however, NCSES estimate it will take approximately 32 minutes. The below table shows the estimated burden by stage and respondent type.

## ESTIMATED BURDEN BY STAGE AND RESPONDENT TYPE: 2017 ECDS

Respondent type	Sample members	Minutes per respondent	Estimated total burden hours
Stage 1: Frame Creation:			
High Authority (HA) .....	350	20	117
Communication Coordinator (CC) .....	350	60	350
List Coordinator (LC) .....	300	480	2,400
<i>Subtotal</i> .....			2,867
Stage 2: Individual Survey			
High Authority (HA) Communication .....	240	10	40
Coordinator (CC) .....	240	30	120
Early Career Doctorate (ECD) .....	18,000	32	9,600
Ineligible Respondents .....	410	2	14
<i>Subtotal</i> .....			9,774
<b>Total</b> .....			<b>12,641</b>

*Updates:* Relative to the first notice, there are three substantive changes: (1) The first notice included the statement that "NSF will request lists of ECD from approximately 390 institutions nationwide, and sample 24,000 individuals from these lists" was based on the initial sample design plan. Based on additional analysis, the final sample sizes decreased to a sample of approximately 350 institutions and 22,855 individuals. (2) The first notice also stated "Sample members will be invited to participate in a 40-minute web-based questionnaire." Since the first notice, NCSES further revised the Pilot ECDS questionnaire to reduce the time needed to complete the survey to 32 minutes. (3) NCSES reduced the estimated burden to 12,641 hours from the 19,900 hours provided in the first notice. This reduction in the estimated burden was a result of the smaller sample sizes, a reduction in the time to complete the survey, and a change in the expected response rate.

NSF may not conduct or sponsor a collection of information unless the collection of information displays a currently valid OMB control number and the agency informs potential persons who are to respond to the collection of information that such persons are not required to respond to

the collection of information unless it displays a currently valid OMB control number.

Dated: July 17, 2017.

**Suzanne H. Plimpton,**

*Reports Clearance Officer.*

[FR Doc. 2017-15326 Filed 7-20-17; 8:45 am]

**BILLING CODE 7555-01-P**

## NUCLEAR REGULATORY COMMISSION

[NRC-2016-0174]

**Information Collection: DOE/NRC Form 740M, Concise Note; DOE/NRC Form 741, Nuclear Material Transaction Report; DOE/NRC Form 742, Material Balance Report; DOE/NRC Form 742C, Physical Inventory Listing**

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Notice of submission to the Office of Management and Budget; request for comment.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) has recently submitted a request for renewal of an existing collection of information to the Office of Management and Budget (OMB) for review. The information collections are entitled, "DOE/NRC

Form 740M, Concise Note; DOE/NRC Form 741, Nuclear Material Transaction Report; DOE/NRC Form 742, Material Balance Report and, DOE/NRC Form 742C, Physical Inventory Listing."

**DATES:** Submit comments by August 21, 2017.

**ADDRESSES:** Submit comments directly to the OMB reviewer at: Aaron Szabo, Desk Officer, Office of Information and Regulatory Affairs (3150-0057, 3150-0003, 3150-0004, 3150-0058), NEOB-10202, Office of Management and Budget, Washington, DC 20503; telephone: 202-395-3621, email: [oir\\_submission@omb.eop.gov](mailto:oir_submission@omb.eop.gov).

**FOR FURTHER INFORMATION CONTACT:** David Cullison, NRC Clearance Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; telephone: 301-415-2084; email: [INFOCOLLECTS.Resource@nrc.gov](mailto:INFOCOLLECTS.Resource@nrc.gov).

### SUPPLEMENTARY INFORMATION:

#### I. Obtaining Information and Submitting Comments

##### A. Obtaining Information

Please refer to Docket ID: NRC-2016-0174 when contacting the NRC about the availability of information for this action. You may obtain publicly-available information related to this action by any of the following methods:

• *Federal Rulemaking Web site:* Go to <http://www.regulations.gov> and search for Docket ID: NRC–2016–0174. A copy of the collection of information and related instructions may be obtained without charge by accessing Docket ID NRC–2016–0174.

• *NRC's Agencywide Documents Access and Management System (ADAMS):* You may obtain publicly-available documents online in the ADAMS Public Documents collection at <http://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "ADAMS Public Documents" and then select "Begin Web-based ADAMS Search." For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1–800–397–4209, 301–415–4737, or by email to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov). A copy of the collection of information and related instructions may be obtained without charge by accessing the following ADAMS Accession No. ML17173A237. Guidance documents are available for the forms in ADAMS as follows: NUREG/BR–0006, Revision 7, ADAMS Accession No. ML111740924, and NUREG/BR–0007 ADAMS Accession No. ML090120288. The supporting statements for each DOE/NRC Form and the forms themselves are available in ADAMS as follows: DOE/NRC Form 740M, "Concise Note" ADAMS Accession Nos. ML17173A239 and ML16252A189; DOE/NRC Form 741, "Nuclear Material Transaction Report" ADAMS Accession Nos. ML17173A240 and ML16252A191; DOE/NRC Form 742, "Material Balance Report" ADAMS Accession numbers ML17173A241 and ML16252A192; and DOE/NRC Form 742C, "Physical Inventory Listing" ADAMS Accession Nos. ML17173A242 and ML16252A193.

• *NRC's PDR:* You may examine and purchase copies of public documents at the NRC's PDR, Room O1–F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

• *NRC's Clearance Officer:* A copy of the collections of information and related instructions may be obtained without charge by contacting the NRC's Clearance Officer, David Cullison, Office of the Chief Information Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555–0001; telephone: 301–415–2084; email: [INFOCOLLECTS.Resource@NRC.GOV](mailto:INFOCOLLECTS.Resource@NRC.GOV).

#### B. Submitting Comments

The NRC cautions you not to include identifying or contact information in comment submissions that you do not want to be publicly disclosed in your comment submission. All comment submissions are posted at [http://](http://www.regulations.gov)

[www.regulations.gov](http://www.regulations.gov) and entered into ADAMS. Comment submissions are not routinely edited to remove identifying or contact information.

If you are requesting or aggregating comments from other persons for submission to the OMB, then you should inform those persons not to include identifying or contact information that they do not want to be publicly disclosed in their comment submission. Your request should state that comment submissions are not routinely edited to remove such information before making the comment submissions available to the public or entering the comment into ADAMS.

#### II. Background

Under the provisions of the Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35), the NRC recently submitted an extension of four collections of information to OMB for review entitled, "DOE/NRC Form 740M, Concise Note; DOE/NRC Form 741, Nuclear Material Transaction Report; DOE/NRC Form 742, Material Balance Report; DOE/NRC Form 742C, Physical Inventory Listing." The NRC hereby informs potential respondents that an agency may not conduct or sponsor, and that a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

The NRC published a **Federal Register** notice with a 60-day comment period on this information collection on October 28, 2016, 81 FR 75167.

1. *The title of the information collection:* DOE/NRC Form 740M, Concise Note; DOE/NRC Form 741, Nuclear Material Transaction Report; DOE/NRC Form 742, Material Balance Report; DOE/NRC Form 742C, Physical Inventory Listing.

2. *OMB approval numbers:*

DOE/NRC Form 740M: 3150–0057.

DOE/NRC Form 741: 3150–0003.

DOE/NRC Form 742: 3150–0004.

DOE/NRC Form 742C: 3150–0058.

3. *Type of submission:* Extension.

4. *The form number if applicable:* DOE/NRC Forms 740M, 741, 742, and 742C.

5. *How often the collection is required or requested:* DOE/NRC Form 741, Nuclear Material Transaction Reports will be collected whenever nuclear material is shipped or received into the Material Balance Area; DOE/NRC Form 742, Material Balance Report will be collected on an annual basis; DOE/NRC Form 742C, Physical Inventory Listing will be collected on an annual basis; DOE/NRC Form 740M, Concise Note Forms are used when needed.

6. *Who will be required or asked to respond:* Any licensee who ships, receives, or otherwise undergoes an inventory change of nuclear material is required to submit a DOE/NRC Form 741 to document the change. Additional information regarding these transactions shall be submitted through Form 740M, with Safeguards Information identified and handled in accordance with § 73.21 of Title of the *Code of Federal Regulations* (10 CFR), "Protection of Safeguards Information: Performance requirements."

Any licensee who had possessed in the previous reporting period, at any one time and location, nuclear material in a quantity totaling one gram or more shall complete DOE/NRC Form 742. In addition, each licensee, Federal or State, who is authorized to possess, at any one time or location, one kilogram of foreign obligated source material, is required to file with the NRC an annual statement of source material inventory which is foreign obligated.

Any licensee, who had possessed in the previous reporting period, at any one time and location, special nuclear material in a quantity totaling one gram or more shall complete DOE/NRC Form 742C.

7. *The estimated number of annual responses:*

DOE/NRC Form 740M: 150

DOE/NRC Form 741: 10,000

DOE/NRC Form 742: 360

DOE/NRC Form 742C: 360

8. *The estimated number of annual respondents:*

DOE/NRC Form 740M: 15

DOE/NRC Form 741: 340

DOE/NRC Form 742: 360

DOE/NRC Form 742C: 360

9. *An estimate of the total number of hours needed annually to comply with the information collection requirement or request:*

DOE/NRC Form 740M: 113

DOE/NRC Form 741: 12,500

DOE/NRC Form 742: 1,260

DOE/NRC Form 742C: 1,440

10. *Abstract:* Persons licensed to possess specified quantities of nuclear material currently report inventory and transaction of material to the Nuclear Materials Management and Safeguards System via the DOE/NRC Forms: DOE/NRC Form 740M, Concise Note; DOE/NRC Form 741, Nuclear Material Transaction Report; DOE/NRC Form 742, Material Balance Report; DOE/NRC Form 742C, Physical Inventory Listing. The NRC uses these forms to collect, retrieve, analyze, and maintain relevant inventory data. The NRC is not submitting the information collections

associated with the modified Small Quantities Protocol to OMB at this time. A separate 30-day notice will be published prior to submitting the information collections associated with the final rule.

Dated at Rockville, Maryland, this 14th day of July 2017.

For the Nuclear Regulatory Commission.

**David Cullison,**

*NRC Clearance Officer, Office of the Chief Information Officer.*

[FR Doc. 2017-15354 Filed 7-20-17; 8:45 am]

**BILLING CODE 7590-01-P**

## NUCLEAR REGULATORY COMMISSION

[NRC-2017-0161]

### Assessment of the Assumption of Normality (Employing Individual Observed Values)

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Regulatory guide; withdrawal.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) is withdrawing Regulatory Guide (RG) 5.22, "Assessment of the Assumption of Normality (Employing Individual Observed Values)." This RG is being withdrawn because the guidance for licensees to develop written procedures describing statistical analyses of nuclear material accounting data, specifically when assessing the assumption of normality in a data set, is no longer needed.

**DATES:** The effective date of the withdrawal of RG 5.22 is July 21, 2017.

**ADDRESSES:** Please refer to Docket ID NRC-2017-0161 when contacting the NRC about the availability of information regarding this document. You may obtain publicly-available information related to this document, using the following methods:

- *Federal Rulemaking Web site:* Go to <http://www.regulations.gov> and search for Docket ID NRC-2017-0161. Address questions about NRC dockets to Carol Gallagher; telephone: 301-415-3463; email: [Carol.Gallagher@nrc.gov](mailto:Carol.Gallagher@nrc.gov). For technical questions, contact the individuals listed in the **FOR FURTHER INFORMATION CONTACT** section of this document.

- *NRC's Agencywide Documents Access and Management System (ADAMS):* You may obtain publicly-available documents online in the ADAMS Public Document collection at <http://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "ADAMS Public Documents" and then

select "*Begin Web-based ADAMS Search.*" For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737, or by email to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov). The ADAMS accession number for each document referenced in this notice (if that document is available in ADAMS) is provided the first time that a document is referenced. The basis for the withdrawal of this guide is found in ADAMS under Accession No. ML16225A659.

- *NRC's PDR:* You may examine and purchase copies of public documents at the NRC's PDR, Room O1-F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

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#### FOR FURTHER INFORMATION CONTACT:

Glenn Tuttle, Office of Nuclear Materials Safety and Safeguards, telephone: 301-415-7230; email: [Glenn.Tuttle@nrc.gov](mailto:Glenn.Tuttle@nrc.gov); and Harriet Karagiannis, Office of Nuclear Regulatory Research, telephone: 301-415-2493; email: [Harriet.Karagiannis@nrc.gov](mailto:Harriet.Karagiannis@nrc.gov). Both are staff of the U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

**SUPPLEMENTARY INFORMATION:** Regulatory Guide 5.22 was published in April 1974 to provide guidance on meeting the requirements related to material control and accounting (MC&A) statistical control procedures in § 70.22(b) of title 10 of the *Code of Federal Regulations* (10 CFR), "Contents of applications." This requirement, regarding submittal of the licensees' description of its MC&A procedures, did not specifically require the methodology that the guidance in RG 5.22 addressed and no longer exists in 10 CFR 70.22(b). The MC&A requirements have all been moved to 10 CFR part 74 and no specific requirements exist for assessing the assumption of normality.

Regulatory Guide 5.22 endorsed the American National Standards Institute (ANSI) Standard N15.15-1973, "Assessment of the Assumption of Normality (Employing Individual Observed Values)," with qualifications. The ANSI Standard N15.15-1973 provided a common method used in assessing the assumption of normality in a data set. However, the NRC is not aware that any licensee ever used this particular RG or the ANSI standard it endorsed since the method is not required by NRC regulations. Instructions on performing such an analysis, if a licensee chose to test their MC&A data for the assumption of

normality, can be found in NUREG/CR-4604 (PNL-5849), "Statistical Methods for Nuclear Material Management" (ADAMS Accession No. ML103430339). NUREG/CR-4604 was developed to be a comprehensive guidance document on statistical methods that licensees may use in evaluating MC&A data.

Withdrawal of a RG means that the guide no longer provides useful information or has been superseded by other guidance, technological innovations, congressional actions, or other events. The NRC is withdrawing RG 5.22 because it is no longer needed. The withdrawal of RG 5.22 does not alter any prior or existing NRC licensing approvals or the acceptability of licensee commitments to RG 5.22. Although RG 5.22 is withdrawn, current licensees may continue to use it, and withdrawal does not affect any existing licenses or agreements. However, by withdrawing RG 5.22, the NRC will no longer approve its use in future requests or applications for NRC licensing actions.

Dated at Rockville, Maryland, this 17th day of July, 2017.

For the Nuclear Regulatory Commission.

**Thomas H. Boyce,**

*Chief, Regulatory Guidance and Generic Issues Branch, Division of Engineering, Office of Nuclear Regulatory Research.*

[FR Doc. 2017-15336 Filed 7-20-17; 8:45 am]

**BILLING CODE 7590-01-P**

## NUCLEAR REGULATORY COMMISSION

[NRC-2017-0066]

### Information Collection: NRC Form 4, Cumulative Occupational Exposure History

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Notice of submission to the Office of Management and Budget; request for comment.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) has recently submitted a request for renewal of an existing collection of information to the Office of Management and Budget (OMB) for review. The information collection is entitled, "NRC Form 4, Cumulative Occupational Exposure History".

**DATES:** Submit comments by August 21, 2017.

**ADDRESSES:** Submit comments directly to the OMB reviewer at: Aaron Szabo, Desk Officer, Office of Information and Regulatory Affairs (3150-0005), NEOB-10202, Office of Management and