

Established in 2007, EFRI supports cutting-edge research that is difficult to fund through other NSF programs, such as single-investigator grants or large research centers. EFRI seeks high-risk opportunities with the potential for a large payoff where researchers are encouraged to stretch beyond their ongoing activities. Based on input from workshops, advisory committees, technical meetings, professional societies, research proposals, and suggestions from the research community, the EFRI program identifies those emerging opportunities and manages a formal process for funding their research. The emerging ideas tackled by EFRI are “frontier” because they not only push the understood limits of engineering but actually overlap multiple fields. The EFRI funding process inspires investigators with different expertise to work together on one emerging concept.

EFRI awards require multi-disciplinary teams of at least one Principal Investigator and two Co-Principal Investigators. The anticipated duration of all awards is 4-years. With respect to the anticipated funding level, each project team may receive support of up to a total of \$2,000,000 spread over four years, pending the availability of funds. In this respect, EFRI awards are above the average single-investigator award amounts.

EFRI-funded projects could include research opportunities and mentoring for educators, scholars, and university students, as well as outreach programs that help stir the imagination of K–12 students, often with a focus on groups underrepresented in science and engineering.

We are seeking to collect additional information from the grantees about the outcomes of their research that goes above and beyond the standard reporting requirements used by the NSF and spans over a period of 5 years after the award. This data collection effort will enable program officers to longitudinally monitor outputs and outcomes given the unique goals and purpose of the program. This is very important to enable appropriate and accurate evidence-based management of the program and to determine whether or not the specific goals of the program are being met.

Grantees will be requested to submit this information on an annual basis to support performance review and the management of EFRI grants by EFRI officers. EFRI grantees will be requested to submit these indicators to NSF via a data collection website that will be embedded in NSF’s IT infrastructure. These indicators are both quantitative

and descriptive and may include, for example, the characteristics of project personnel and students; sources of complementary funding and in-kind support to the EFRI project; characteristics of industrial and/or other sector participation; research activities; education activities; knowledge transfer activities; patents, licenses; publications; descriptions of significant advances and other outcomes of the EFRI effort.

Each submission will address the following major categories of activities: (1) knowledge transfer across disciplines, (2) innovation of ideas in areas of great opportunity, (3) potential for translational research, (4) project results that advance the frontier/creation of new fields of study, (5) introduction to the classroom of innovative research methods or discoveries, (6) fostering participation of underrepresented groups in science, and (7) impacting student career trajectory. For each of the categories, the report will enumerate specific outputs and outcomes.

*Use of the Information:* The data collected will be used for NSF internal reports, historical data, and performance review by peer site visit teams, program level studies and evaluations, and for securing future funding for continued EFRI program maintenance and growth.

*Estimate of Burden:* Approximately 7 hours per grant for approximately 100 grants per year for a total of 700 hours per year.

*Respondents:* Principal Investigators who lead the EFRI grants, and co-Principal Investigators and trainees involved in EFRI-funded research.

*Estimated Number of Responses per Report:* One report collected for each of the approximately 100 grantees every year, including sub-reports from co-PIs and trainee researchers.

Dated: March 1, 2023.

**Suzanne H. Plimpton,**  
Reports Clearance Officer, National Science Foundation.

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**BILLING CODE 7555–01–P**

## NATIONAL SCIENCE FOUNDATION

### Agency Information Collection Activities: Comment Request; Qualitative Feedback on Agency Service Delivery

**AGENCY:** National Science Foundation.

**ACTION:** Notice.

**SUMMARY:** The National Science Foundation (NSF) is announcing plans to renew this collection. In accordance

with the requirements of the Paperwork Reduction Act of 1995, we are providing opportunity for public comment on this action. After obtaining and considering public comment, NSF will prepare the submission requesting Office of Management and Budget (OMB) clearance of this collection for no longer than 3 years.

**DATES:** Written comments on this notice must be received by May 5, 2023 to be assured consideration. Comments received after that date will be considered to the extent practicable. Send comments to address below.

**FOR FURTHER INFORMATION CONTACT:** Suzanne H. Plimpton, Reports Clearance Officer, National Science Foundation, 2415 Eisenhower Avenue, Suite W18200, Alexandria, Virginia 22314; telephone (703) 292–7556; or send email to [splimpto@nsf.gov](mailto:splimpto@nsf.gov). Individuals who use a telecommunications device for the deaf (TDD) may call the Federal Information Relay Service (FIRS) at 1–800–877–8339, which is accessible 24 hours a day, 7 days a week, 365 days a year (including Federal holidays).

#### SUPPLEMENTARY INFORMATION:

*Title of Collection:* Generic Clearance for the Collection of Qualitative Feedback on Agency Service Delivery.

*OMB Number:* 3145–0215.

*Expiration Date of Approval:* August 31, 2023.

*Type of Request:* Revision to and extension of approval of an information collection.

*Abstract:* The proposed information collection activity provides a means for the National Science Foundation (NSF) to garner qualitative customer and stakeholder feedback in an efficient, timely manner, in accordance with the Agency’s commitment to improving service delivery.

By qualitative feedback we mean information that provides useful insights on perceptions and opinions, but not statistical surveys that yield quantitative results that can be generalized to the population of study. This feedback will provide insights into customer or stakeholder perceptions, experiences, and expectations; provide an early warning of issues with service; or focus attention on areas where communication, training, or changes in operations might improve delivery of products or services. This collection will allow for ongoing, collaborative and actionable communications between the Agency and its customers and stakeholders. It will also allow feedback to contribute directly to the improvement of program management.

The solicitation of feedback will target areas such as: Timeliness,

appropriateness, accuracy of information, courtesy, efficiency of service delivery, and resolution of issues with service delivery. Responses will be assessed to plan and inform efforts to improve or maintain the quality of service offered to the public. If this information is not collected, vital feedback from customers and stakeholders on the Agency's services will be unavailable.

NSF will only submit a collection for approval under this generic clearance if it meets the following conditions:

- The collection is voluntary;
- The collection is low-burden for respondents (based on considerations of total burden hours, total number of respondents, or burden-hours per respondent) and is low-cost for both the respondents and the Federal Government;
- The collection is non-controversial and does not raise issues of concern to other Federal agencies;
- The collection is targeted to the solicitation of opinions from respondents who have experience with the program or may have experience with the program in the near future;
- Personally identifiable information (PII) is collected only to the extent necessary and is not retained;
- Information gathered is intended to be used only internally for general service improvement and program management purposes and is not intended for release outside of NSF (if released, NSF must indicate the qualitative nature of the information);
- Information gathered will not be used for the purpose of substantially informing influential policy decisions; and
- Information gathered will yield qualitative information; the collection will not be designed or expected to yield statistically reliable results or used as though the results are generalizable to the population of study.

Feedback collected under this generic clearance provides useful information, but it does not yield data that can be generalized to the overall population. This type of generic clearance for qualitative information will not be used for quantitative information collections that are designed to yield reliably actionable results, such as monitoring trends over time or documenting program performance. Such data uses require more rigorous designs that address: The target population to which generalizations will be made, the sampling frame, the sample design (including stratification and clustering), the precision requirements or power calculations that justify the proposed sample size, the expected response rate,

methods for assessing potential nonresponse bias, the protocols for data collection, and any testing procedures that were or will be undertaken prior to fielding this study. Depending on the degree of influence the results are likely to have, such collections may still be eligible for submission for other generic mechanisms that are designed to yield quantitative results.

As a general matter, this information collection will not result in any new system of records containing privacy information and will not ask questions of a sensitive nature, such as sexual behavior and attitudes, religious beliefs, and other matters that are commonly considered private.

Below we provide the National Science Foundation's projected average estimates for the next three years:

*Affected Public:* Individuals and Households, Businesses and Organizations, State, Local or Tribal Government.

*Average Expected Annual Number of activities:* 50.

*Respondents:* 500 per activity.

*Annual responses:* 30,000.

*Frequency of Response:* Once per request.

*Average minutes per response:* 30.

*Burden hours:* 25,000.

*Comments:* Comments are invited on (a) whether the proposed collection of information is necessary for the proper performance of the functions of the Agency, including whether the information shall have practical utility; (b) the accuracy of the Agency's estimate of the burden of the proposed collection of information; (c) ways to enhance the quality, utility, and clarity of the information on respondents, including through the use of automated collection techniques or other forms of information technology; and (d) ways to minimize the burden of the collection of information on those who are to respond, including through the use of appropriate automated, electronic, mechanical, or other technological collection techniques or other forms of information technology.

Dated: March 1, 2023.

**Suzanne H. Plimpton,**

*Reports Clearance Officer, National Science Foundation.*

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## NUCLEAR REGULATORY COMMISSION

[NRC-2023-0036]

### NRC Bulletin 2012-01: Design Vulnerability in Electric Power System

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Bulletin; closure.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) is issuing this notice to inform all holders of operating licenses and combined licenses for nuclear power reactors of the closure of "NRC Bulletin 2012-01: Design Vulnerability in Electric Power System" (Bulletin). NRC has completed evaluations and inspections of the responses and other actions taken by the licensees of the nuclear power plants in response to NRC Bulletin 2012-01. The staff has approved the actions to be taken by the licensee for Vogtle Units 3 and 4 following commencement of operations and will inspect these actions under the Reactor Oversight Process. The NRC staff concludes that any potential adverse impact on nuclear plant safety due to an open phase condition (OPC) in the plant offsite power system has been adequately addressed by the licensees.

**DATES:** NRC Bulletin 2012-01 is closed effective March 6, 2023.

**ADDRESSES:** Please refer to NRC-2023-0036 when contacting the NRC about the availability of information regarding this document. You may obtain publicly available information related to this document using any of the following methods:

- *Federal Rulemaking Website:* Go to <https://www.regulations.gov> and search for NRC-2023-0036. Address questions about Docket IDs in *Regulations.gov* to Stacy Schumann; telephone: 301-415-0624; email: [Stacy.Schumann@nrc.gov](mailto:Stacy.Schumann@nrc.gov). For technical questions, contact the individual 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 Documents collection at <https://www.nrc.gov/reading-rm/adams.html>. To begin the search, 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). For the convenience of the reader, instructions about obtaining materials referenced in