

## ACTIONS

### Standard approved; other actions

The following standard has been approved:

■ ANSI/ANS-8.3-1997 (R2017), *Criticality Accident Alarm System* (reaffirmation of ANSI/ANS-8.3-1997 [R2012]).

This standard is applicable to operations with fissionable materials in which inadvertent criticality could occur, leading to an excessive radiation dose to personnel. This standard is not applicable to nuclear reactors or critical experiments.

### Comments requested

Comments were requested on the following standard by December 4, 2017:

■ ANS-2.15-2013 (R201x), *Criteria for Modeling and Calculating Atmospheric*

*Dispersion of Routine Radiological Releases from Nuclear Facilities* (reaffirmation of ANSI/ANS-2.15-2013).

This standard establishes criteria for the use of meteorological data collected at nuclear facilities to evaluate the atmospheric effects of routine radioactive releases, inclusive of dilution, dispersion, plume rise,

plume meander, aerodynamic effects of buildings, dry deposition, and wet deposition (e.g., precipitation scavenging).

Comments are requested on the following standard by December 18, 2017:

■ ANS-57.3-201x, *Design Requirements for New Fuel Storage Facilities at Light Water Reactor Plants* (new standard).

## Volunteer support needed

The following standards projects are in need of volunteer support. Interested individuals should contact <standards@ans.org> for more information.

■ ANS-2.9, *Evaluation of Ground Water Supply for Nuclear Power Sites* (revision of ANS-2.9-1980 [W1999]).

■ ANS-2.33, *Aquatic Ecological Surveys Required for Siting, Design, and Operation of Nuclear Power Plants* (development of new standard).

■ ANS-3.13, *Nuclear Facility Reliability Assurance Program (RAP) Development* (development of new standard).

■ ANS-57.8, *Fuel Assembly Identification* (maintenance of current standard).

■ ANS-60.1, *Nuclear Export Control* (development of new standard).



THE OHIO STATE UNIVERSITY  
COLLEGE OF ENGINEERING

## Nuclear Engineering Tenure/Tenure-Track Faculty Position

### Position Overview

The Nuclear Engineering Program (NEP), one of the three graduate degree programs within the Department of Mechanical and Aerospace Engineering, is pleased to invite applications from outstanding individuals for a tenure track faculty position in nuclear engineering. The anticipated start date is August 2018, but the search will continue until the position is filled. This search will consider faculty candidates having interest and expertise to develop a strong research program in the areas of thermal hydraulics, multiphase flow, and heat transfer with emphasis on nuclear power generation systems, including advanced reactor concepts. The faculty candidate is expected to develop a research program in a manner compatible with the on-going activities in areas of nuclear fuel and materials, in-pile instrumentation, sensor, and control, reactor physics, reactor safety, probabilistic risk assessment, modeling of transport phenomena, and software and human reliability. Whereas candidates are primarily sought at the assistant professor level, exceptionally qualified applicants at the associate professor level may be considered. The OSU NEP is enhanced by the OSU Nuclear Reactor Laboratory, which features the 500 kW OSU Research Reactor (OSURR).

### Experience Requirements

**Required:** An earned doctorate in nuclear engineering or mechanical engineering, or an appropriate related field is required. We seek candidates with demonstrated ability to conduct research at the highest level, and with a commitment to outstanding teaching and mentoring of students. The successful candidate will be expected to attract funding to develop and sustain active sponsored research programs, teach core undergraduate and/or graduate courses, and develop new graduate courses related to their research expertise.

**Desired:** Experience with training or test reactors and/or plans for including the OSURR in the candidate's research program are not necessary, but are desirable.

### Application Instructions

To be considered, please submit your application electronically via Academic Jobs Online <https://academicjobsonline.org/ajob/jobs/10304>. Application materials must include a cover letter, curriculum vita, statements of research and teaching interests, the names and contact information of three references, and copies of up to three papers (published, under review, or in preparation).

The Ohio State University College of Engineering is strongly committed to promoting diversity and inclusion in all areas including scholarship, instruction and outreach. **In the cover letter, describe experiences, current interests or activities, and/or future goals that promote a climate that values diversity and inclusion in one or more of these areas.**

Review of applications will begin on **December 1, 2017** and continue until the position is filled.

The Ohio State University campus is located in Columbus, the capital city of Ohio. Columbus is the center of a rapidly growing and diverse metropolitan area with a population of over 1.5 million. The area offers a wide range of affordable housing, many cultural and recreational opportunities, excellent schools, and a strong economy based on government as well as service, transportation and technology industries. Additional information about the Columbus area is available at [visit.osu.edu/experience](http://visit.osu.edu/experience).

*The Ohio State University is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation or identity, national origin, disability status, or protected veteran status.*

**Requires the successful completion of a background check.**