

American Nuclear Society (ANS) Nuclear Facilities Standards Committee (NFSC) High Priority Standards Projects

The NFSC Executive Committee has identified the following standards development and maintenance projects to be in greatest need of volunteers, with the projects deemed of highest priority indicated in red.

Individuals wishing to volunteer to meet this important need should complete the ANS Standards Committee Volunteer Form and ensure inclusion of the alphanumeric designation of each project of interest. The volunteer form is available at <http://www.ans.org/standards/involved/volform/docs/volunteerform.pdf>. Completed volunteer forms along with a resume and/or questions, should be forwarded to standards@ans.org.

ANS-2.6, “Guidelines for Estimating Present and Forecasting Future Population Distributions Surrounding Nuclear Facility Sites”

NEED: This is a proposed new standard which will support preparation of Early Site Permits (ESPs) and Construction Operation License Applications (COLAs). This project is in need of a working group chair and working group members. The scope of this project can be viewed at <http://www.ans.org/standards/involved/voloppor/nfsc/ans-25.html>.

ANS-2.8, “Determining Design Basis Flooding at Power Reactor Sites”

NEED: This is a revision of historic standard ANSI/ANS-2.8-1992 which will support preparation of Early Site Permits (ESPs) and Construction Operation License Applications (COLAs). A working group chair and working group members are needed. The scope of this project can be viewed at <http://www.ans.org/standards/involved/voloppor/nfsc/ans-25.html>.

ANS-2.10, “Criteria for the Handling and Initial Evaluation of Records from Nuclear Power Plant Seismic Instrumentation”

NEED: The current version of this standard, ANSI/ANS-2.10-2003, needs to be reviewed and determined if the standard remains current and should be reaffirmed. In order to be reaffirmed, a standard must be found to acceptable without any changes. This current standard needs a working group chair and a few subject matter experts to review and make the appropriate reaffirmation assessment. The scope can be viewed at <http://www.ans.org/standards/involved/voloppor/nfsc/ans-21.html>.

ANS-2.18, “Standards for Evaluating Radionuclide Transport in Surface Water for Nuclear Power Sites”

NEED: This is a proposed new standard which will support preparation of Early Site Permits (ESPs) and Construction Operation License Applications (COLAs). A working group chair has been appointed, but a few additional working group members are needed. The scope of this project can be viewed at <http://www.ans.org/standards/involved/voloppor/nfsc/ans-25.html>.

ANS-3.7.1, “Facilities and Medical Care for On-Site Nuclear Power Plant Radiological Emergencies”

ANS-3.8.1, “Criteria for Radiological Emergency Response Functions and Organizations”

ANS-3.8.2, “Criteria for the Functional and Physical Characteristics of Radiological Emergency Response Facilities”

ANS-3.8.3, “Criteria for Radiological Emergency Response Plans and Implementing Procedures”

ANS-3.8.4, “Criteria for Maintaining Radiological Emergency Response Capability”

ANS-3.8.5, “Criteria for Emergency Radiological Field Monitoring, Sampling and Analysis”

ANS-3.8.6, “Criteria for the Conduct of Offsite Radiological Assessment for Emergency Response for Nuclear Power Plants”

ANS-3.8.7, “Criteria for Planning, Development, Conduct, and Evaluation of Drills and Exercises for Emergency Preparedness”

NEED: All of the above emergency preparedness standards were withdrawn due to lack of maintenance. The NFSC would like to initiate a project to review the standards and determine which ones should be updated and if any should be combined. In order to initiate this project, a working group chair and members are needed. Scopes for the majority of the emergency preparedness standard can be viewed at <http://www.ans.org/standards/involved/voloppor/nfsc/ans-25.html>. The scope for ANS-3.8.5 can be view at <http://www.ans.org/standards/involved/voloppor/nfsc/ans-24.html>.

ANS-40.21, “Siting, Construction, and Operation of Commercial Low Level Radioactive Waste Burial Grounds”

NEED: This is a proposed new standard which is very timely due to the limitation of low level waste disposal options at Barnwell, SC. It is in need of a working group chair and working group members to initiate. The scope can be viewed at <http://www.ans.org/standards/involved/voloppor/nfsc/ans-25.html>.

ANS-40.35, “Volume Reduction of Low-Level Radioactive Waste or Mixed Waste”

NEED: The NFSC would like to initiate a revision of historic standard ANSI/ANS-40.35-1991. The project currently has a working group chair, but additional working group members are needed. The scope of this project can be viewed at <http://www.ans.org/standards/involved/voloppor/nfsc/ans-25.html>.

ANS-55.1, “Solid Radioactive Waste Processing System for Light-Water-Cooled Reactor Plants”

ANS-55.4, “Gaseous Radioactive Waste Processing Systems for Light Water Reactor Plants”

ANS-55.6, “Liquid Radioactive Waste Processing System for Light Water Reactor Plants”

NEED: All three of these current standards are in need of updating. Because of their closely related scopes, it is anticipated that one working group chair and several working group members would be needed to lead all three for consistency. Their scopes can be viewed at <http://www.ans.org/standards/involved/voloppor/nfsc/ans-22.html>.

ANS-58.2, “Design Basis for Protection of Light Water Nuclear Power Plants against the Effects of Postulated Pipe Rupture”

NEED: This project is to develop a revision of a withdrawn standard. A working group co-chairperson and additional working group members are needed to reinvigorate this project. The scope can be view at <http://www.ans.org/standards/involved/voloppor/nfsc/ans-24.html>.

ANS-58.6, “Criteria for Remote Shutdown for Light Water Reactors”

NEED: The current version of this standard, ANSI/ANS-58.6-1996 (R2001), needs to be reviewed and determined if the standard remains current and should be reaffirmed. In order to be reaffirmed, a standard must be found acceptable without any changes. This current standard needs a working group chair and a few subject matter experts to review and make the appropriate reaffirmation assessment. The scope can be viewed at <http://www.ans.org/standards/involved/voloppor/nfsc/ans-21.html>.