

all cases. Operating reactor licensees were the next biggest offender, with 25, or about 31 percent, followed by fuel facility licensees, with six, or about 7 percent. The two remaining business-line categories—new reactors, and decommissioning and low-level waste licensees—had no escalated actions issued to them last year.

An NOV without a civil penalty was the most common type of escalated enforcement action in 2017, accounting for 62 of the 81 actions, or 77 percent. “Generally speaking, a large percentage of NOV’s without civil penalties is considered a positive outcome because it demonstrates that most licensees identify and correct violations—a goal of the enforcement program,” the report states.

Of the remaining 19 NRC actions, 10 (about 12 percent) were orders without civil penalties, and nine (about 11 percent) were NOV’s and orders with civil penalties, totaling \$95,900. Of that nine, eight were issued to nuclear materials user licensees, and one to a fuel facility licensee. The largest penalty proposed in 2017, the report notes, was \$22,400 to Qal-Tek Associates, an Idaho-based radiation safety support services firm, for a Severity Level II problem involving violations of 10 CFR 71.5, *Transportation of Licensed Material* (NN, Feb. 2018, p. 74).

A PDF version of the 72-page docu-

ment—which was characterized by Office of Enforcement Director Anne Boland in a May 30 memo to the NRC commissioners as “an important agency communication tool for both internal and external stakeholders”—can be downloaded from the agency’s website, at <www.nrc.gov>, via the ADAMS document retrieval system, with a search for accession number ML18113A136.

NRC

Guidance issued on maintenance, other topics

The Nuclear Regulatory Commission has issued revisions to the following Regulatory Guides. Each RG revision and its regulatory analysis is available for download from the NRC’s website, at <www.nrc.gov>, via the ADAMS document retrieval system. Accession numbers are given in parentheses after the RG titles.

■ RG 1.160, Rev. 4, *Monitoring the Effectiveness of Maintenance at Nuclear Power Plants* (ML18220B281 and ML18129A085). Made available September 26, this revision addresses new issues identified since the last 1.160 revision was issued. It endorses, with clarifications, NUMARC 93-01, *Industry Guidelines for Monitoring the Effec-*

tiveness of Maintenance at Nuclear Power Plants, Revision 4F.

■ RG 4.2, Rev. 3, *Preparation of Environmental Reports for Nuclear Power Stations* (ML18071A400 and ML16116A067). Made available September 24, this revision provides general guidance to applicants for the format and content of environmental reports submitted as part of an application for a permit, license, or other approval for a new nuclear power plant.

■ RG 3.71, Rev. 3, *Nuclear Criticality Safety Standards for Nuclear Materials Outside Reactor Cores* (ML18169A258 and ML17055B588). Made available October 3, this revision endorses guidance in multiple ANSI/ANS-8 standards, as well as a specific ISO standard. In addition, according to the NRC, “the scope of this guide is expanded to include packaging and transportation and certain storage facilities because many of the standards are based on broad principles that are not limited solely to fuel processing facilities.”

■ RG 1.206, Rev. 1, *Applications for Nuclear Power Plants* (ML18131A181 and ML17013A624). Made available October 12, this revision provides updated guidance for prospective applicants regarding the format and content of applications for new nuclear power plants, reflecting lessons learned from the review of plant applications since 2007.





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