

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

INFORMATION REPORT

April 8, 2014

SECY-14-0040

For: The Commissioners

From: Melanie A. Galloway
Assistant for Operations
Office of the Executive Director for Operations

Subject: WEEKLY INFORMATION REPORT - WEEK ENDING
MARCH 28, 2014

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/RA/

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555
Office of Administration (ADM)
Items of Interest
Week Ending March 28, 2014

**Performance-Based Emergency Core Cooling Systems Cladding Acceptance Criteria:
Proposed Rule; 10 CFR Parts 50 and 52 (RIN 3150-AH42; NRC-2008-0332; NRC-2012-
0041; NRC-2012-0042; NRC-2012-0043)**

The NRC published a proposed rule in the *Federal Register* ([79 FR 16106](#)) that would amend its regulations to revise the acceptance criteria for the emergency core cooling system (ECCS) for light-water nuclear power reactors. The proposed ECCS acceptance criteria are performance-based and reflect recent research findings that identified new embrittlement mechanisms for fuel rods with zirconium alloy cladding under loss-of-coolant accident conditions. The proposed rule also addresses two petitions for rulemaking by establishing requirements applicable to all fuel types and cladding materials, and requiring the consideration of crud, oxide deposits, and hydrogen content in zirconium-based alloy fuel cladding. Further, the proposed rule contains a provision that would allow licensees to use an alternative risk-informed approach to evaluate the effects of debris for long-term cooling. The NRC is also seeking public comment on three draft regulatory guides that would support the implementation of the proposed rule. Comments are due by June 9, 2014.

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ENCLOSURE A

UNITED STATES
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WASHINGTON, D.C. 20555
Office of Information Services (OIS)
Items of Interest
Week Ending March 28, 2014

Freedom of Information Act (FOIA) and Privacy Act (PA) Requests and Appeals Received
During the Period of March 21, 2014 – March 27, 2014:

Copy of report of radiologic evaluation of properties at the Naval Medical Center, Oakland, CA, submitted to NRC around November 12, 1996.	FOIA/PA-2014-0187
Copies of all interview transcripts and final investigation report for Office of Inspector General (OIG) Case 11-031.	FOIA/PA-2014-0188
Copy of the catalogues of technical training courses provided by the NRC Technical Training Center in Chattanooga, TN.	FOIA/PA-2014-0189
All information regarding the tritium leak at Nine Mile Point reactor in Pulaski, NY, in 2012.	FOIA/PA-2014-0190
All records pertaining to NRC's decision to recall inspection report dated April 28, 2006 and replace with clean report, and NRC's decision to put original report back in Agencywide Documents Access & Management System (ADAMS).	FOIA/PA-2014-0191
Withheld documents pertaining to ML14008A124, and copies of name cards of named individual received in Japan during specified timeframe.	FOIA/PA-2014-0192
All lists of OIG investigations during or after 2012 pertaining to listed subject matters.	FOIA/PA-2014-0193

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ENCLOSURE B

UNITED STATES
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Office of Nuclear Regulatory Research (RES)
Items of Interest
Week Ending March 28, 2014

Publication of Revision 3 to Regulatory Guide (RG) 4.7, “General Site Suitability Criteria for Nuclear Power Stations”

On March 21, 2014, the staff released the subject RG. RG 4.7 describes a method that the NRC staff considers acceptable to implement the site suitability requirements for nuclear power stations. It is intended to assist applicants in the initial stage of selecting potential sites for a nuclear power station. This revision incorporates (1) updating of the technical references, (2) material from relevant sections in the NRC’s standard review plan for nuclear power plants (NUREG-0800), and (3) material from the standard review plan for environmental review of nuclear power plants (NUREG-1555). The RG is publicly available in ADAMS at Accession No. ML12188A053.

Publication of Draft Regulatory Guide (DG)- 5038, “Special Nuclear Material (SNM) Doorway Monitors”

On March 26, 2014, the staff announced the release of Draft Regulatory Guide (DG)-5038, “Special Nuclear Material (SNM) Doorway Monitors,” for public comment. This new guidance addresses NRC requirements in 10 CFR Part 73 that individuals must be searched as they leave material access areas (MAAs) for facilities that contain SNM of a type and quantity that require an MAA. The DG is publicly available in ADAMS at Accession No. ML12237A125.

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Office of Nuclear Reactor Regulation (NRR)
Items of Interest
Week Ending March 28, 2014

Publication of Proposed Rule on Limits for Fuel Cladding Behavior During Loss of Coolant Accident

On March 24, 2014, the staff published the 10 CFR 50.46c Proposed Rule (ADAMS Accession No. ML12283A174) in the *Federal Register*. That Federal Register notice also announces the availability of three associated draft regulatory guides that provide methods for testing and determining limits for fuel cladding behavior during a loss-of-coolant accident. The 75-day public comment period for both the rule and the draft regulatory guides closes on June 9, 2014. The proposed rule considers issues raised in Petitions for Rulemaking 50-84, submitted by Mr. Leyse, and 50-71, submitted by the Nuclear Energy Institute. The staff is planning to conduct a 2-day public meeting on the proposed rule during the comment period.

Public Meetings on Proposed Renewal of Operating License for Davis-Besse

On March 25, 2014, the staff held two identical public meetings in Port Clinton, Ohio, to discuss the preliminary findings of, and receive public comments on, the draft supplemental environmental impact statement (SEIS) on the proposed renewal of the operating license for Davis-Besse Nuclear Power Station, Unit 1 (Davis-Besse). The preliminary finding of this report is that the adverse environmental impacts of license renewal for Davis-Besse are not great enough to deny the option of license renewal for energy-planning decision-makers. Approximately 40 people attended each meeting. The public comment period will close on April 21, 2014. The staff plans to issue the final SEIS in September 2014.

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Items of Interest
Week Ending March 28, 2014

Document Released to Public	Date	Subject
Memoranda		
1. M140321	3/28/14	Briefing on Waste Confidence Rulemaking

Commission Correspondence

1. Letter to Senators Edward Markey and Bernard Sanders, dated March 21, 2014, responds to questions and request for Commission views on (Non-Electric Utility) Plant Financial Qualifications.

Federal Register Notices Issued

1. 613th Advisory Committee on Reactor Safeguards (ACRS) – Notice of Meeting on April 10-11, 2014.
2. ACRS Meeting on the ACRS Subcommittee on Advanced Boiling Water Reactor – Notice of Meeting on April 9, 2014.
3. ACRS Meeting of the ACRS Subcommittee on AP1000 – Notice of Meeting on April 9, 2014.
4. ACRS Meeting of the ACRS Subcommittee on Planning and Procedures – Notice of Meeting on April 9, 2014.
5. ACRS Meeting of the ACRS Subcommittee on Plant License Renewal – Notice of Meeting on April 8, 2014.