



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

(FSME-12-012, January, Other, NUREG-1935, State-of-the-Art Reactor)

January 31, 2012

ALL STATE LIAISON OFFICERS

ALL STATE RADIATION CONTROL PROGRAM DIRECTORS

FEBRUARY 2012 MEETINGS AND OPPORTUNITY TO COMMENT ON DRAFT
STATE-OF-THE-ART REACTOR CONSEQUENCES ANALYSIS RESEARCH STUDY
REPORT (FSME-12-012)

Purpose: This is to inform you about 1) the opportunity to **comment by March 1, 2012**, on Draft NUREG-1935, "State-of-the-Art Reactor Consequences (SOARCA) Report," and 2) two public meetings, to be held February 21, 2012, near the Surry Power Station in Surry, VA, and February 22, 2012, near the Beach Bottom Atomic Power Station in Delta, PA, to discuss the findings, answer questions, and take comments on the draft report.

Background: The purpose of Draft NUREG-1935 is to report a pilot study of best estimate analyses of the offsite radiological health consequences for potential severe reactor accidents for the Surry Power Station near Surry, VA and the Peach Bottom Atomic Power Station near Lancaster, PA. The project, which began in 2007, combined up-to-date information about the

* This information request has been approved by OMB 3150-0029 expiration 11/30/2013. The estimated burden per response to comply with this voluntary collection is approximately 8 hours. Send comments regarding the burden estimate to the Records and FOIA/Privacy Services Branch (T-5F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-1 0202 (3150-0029), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

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plant's layout and operations with local population data and emergency preparedness plans. This information was then analyzed using state-of-the-art computer codes that incorporate decades of international research into severe reactor accidents.

The draft SOARCA report main findings include:

- Existing resources and procedures can stop an accident, slow it down or reduce its impact before it can affect the public;
- Even if accidents proceed uncontrolled, they take much longer to happen and release much less radioactive material than earlier analyses suggested; and
- The analyzed accidents would cause essentially zero immediate deaths and only a very, very small increase in the risk of long-term cancer deaths.

Discussion: The SOARCA team will meet with the public on Tuesday, February 21, from 5:00 to 9:00 p.m. at the Surry County Courthouse, General District Courtroom, 45 School Street in Surry, Virginia, 23883. The team will also meet with the public on Wednesday, February 22, from 5:00 to 9:00 p.m. at the Peach Bottom Inn, 6085 Delta Road in Delta, Pennsylvania, 17314. The team will present the project's findings, answer questions, and take comments on the draft report. The meeting agendas will be published on the NRC's Public Meeting Schedule Web site, <http://www.nrc.gov/public-involve/public-meetings/index.cfm>, 10 days prior to the meeting dates. Any changes regarding the meetings will be available on the previously stated Web site.

To facilitate public review of this report, the following associated contractor reports are also now available to the public: NUREG/CR-71 10, "SOARCA Project, Volume 1: Peach Bottom Integrated Analysis"; and NUREG/CR-71 10, "SOARCA Project, Volume 2: Surry Integrated Analysis." Additionally, N U REG/BR-0359, "Modeling Potential Reactor Accident Consequences," a plain language public information brochure about the SOARCA project, is now available. Public comments and supporting materials related to this document can be found at <http://www.regulations.gov> by searching on Docket ID **NRC-2012-0022**.

Comments on Draft NUREG-1935 should be submitted by March 1, 2012 with Docket ID **NRC-2012-0022** in the comment subject line. Comments submitted in writing or in electronic form will be posted on the NRC Web site and on the Federal rulemaking Web site at <http://www.regulations.gov>. Because comments will not be edited to remove any identifying or contact information, the NRC cautions against including any information in the submission that should not be publicly disclosed.

Comments may be submitted by any one of the following methods:

- **Federal Rulemaking Web Site:** Go to <http://www.regulations.gov> and search for documents filed under Docket ID **NRC-2012-0022**. Questions about NRC dockets can be addressed by Carol Gallagher by telephone at 301-492-3668 or e-mail at Carol.Gallagher@nrc.gov.
- **Mail comments to:** Cindy Bladey, Chief, Rules, Announcements, and Directives Branch (RADB), Office of Administration, Mail Stop: TWB-05-B01M, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.
- **Fax comments to:** RADB at 301-492-3446.

If you have any questions regarding the correspondence, please contact me at 301-415-7295 or the individual named below.

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