

EDO Principal Correspondence Control

FROM: DUE: 05/05/11 EDO CONTROL: G20110276  
DOC DT: 04/15/11  
FINAL REPLY:

Senator Jim Webb

TO:

Chairman Jaczko

FOR SIGNATURE OF : \*\* PRI \*\* CRC NO: 11-0224

Chairman Jaczko

DESC:

ROUTING:

Nuclear Regulatory Commission Evacuation  
Recommendations for U.S. Residents Within 50 Miles  
of Fukushima Reactors (EDATS: SECY-2011-0235)

Borchardt  
Weber  
Virgilio  
Ash  
Muessle  
OGC/GC  
Leeds, NRR  
Wiggins, NSIR  
Burns, OGC  
Schmidt, OCA

DATE: 04/18/11

ASSIGNED TO: CONTACT:  
EDO Rihm

SPECIAL INSTRUCTIONS OR REMARKS:

Please prepare response in accordance with OEDO  
Notice 2009-0441-02 (ML093290179). NRR and NSIR to  
provide input to Roger Rihm, OEDO, if required.  
Roger Rihm will coordinate response with OGC and  
OCA.

Template: SECY-017

E-RIDS: SECY-01

# EDATS

Electronic Document and Action Tracking System



**EDATS Number:** SECY-2011-0235

**Source:** SECY

## General Information

**Assigned To:** OEDO

**OEDO Due Date:** 5/5/2011 11:00 PM

**Other Assignees:**

**SECY Due Date:** 5/9/2011 11:00 PM

**Subject:** Nuclear Regulatory Commission Evacuation Recommendation for U.S. Residents Within 50 Miles of Fukushima Reactors

**Description:**

**CC Routing:** NRR; NSIR; OGC; OCA

**ADAMS Accession Numbers - Incoming:** NONE

**Response/Package:** NONE

## Other Information

**Cross Reference Number:** G20110276, LTR-11-0224

**Staff Initiated:** NO

**Related Task:**

**Recurring Item:** NO

**File Routing:** EDATS

**Agency Lesson Learned:** NO

**OEDO Monthly Report Item:** NO

## Process Information

**Action Type:** Letter

**Priority:** Medium

**Signature Level:** Chairman Jaczko

**Sensitivity:** None

**Approval Level:** No Approval Required

**Urgency:** NO

**OEDO Concurrence:** YES

**OCM Concurrence:** NO

**OCA Concurrence:** NO

**Special Instructions:** Please prepare response in accordance with OEDO Notice 2009-0441-02 (ML093290179). NRR and NSIR to provide input to Roger Rihm, OEDO, if required. Roger Rihm will coordinate response with OGC and OCA.

## Document Information

**Originator Name:** Senator Jim Webb

**Date of Incoming:** 4/15/2011

**Originating Organization:** Congress

**Document Received by SECY Date:** 4/18/2011

**Addressee:** Chairman Jaczko

**Date Response Requested by Originator:** NONE

**Incoming Task Received:** Letter

OFFICE OF THE SECRETARY  
CORRESPONDENCE CONTROL TICKET

Date Printed: Apr 18, 2011 14:53

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**PAPER NUMBER:** LTR-11-0224 **LOGGING DATE:** 04/15/2011  
**ACTION OFFICE:** EDO

**AUTHOR:** SEN Jim Webb  
**AFFILIATION:** CONG  
**ADDRESSEE:** CHRM Gregory Jaczko  
**SUBJECT:** Concerns NRC's evacuation recommendation for U.S. residents within 50 miles of the Fukushima reactors

**ACTION:** Signature of Chairman  
**DISTRIBUTION:** RF, OCA to Ack

**LETTER DATE:** 04/15/2011  
**ACKNOWLEDGED:** No  
**SPECIAL HANDLING:** Chairman Correspondence

**NOTES:**  
**FILE LOCATION:** ADAMS

**DATE DUE:** 05/09/2011 **DATE SIGNED:**

EDO --G20110276

JIM WEBB  
VIRGINIA

WASHINGTON OFFICE:  
WASHINGTON, DC 20510  
(202) 224-4224

COMMITTEE ON  
ARMED SERVICES  
COMMITTEE ON  
FOREIGN RELATIONS  
COMMITTEE ON  
VETERANS' AFFAIRS

## United States Senate

WASHINGTON, DC 20510-4605

JOINT ECONOMIC COMMITTEE

April 15, 2011

The Honorable Gregory B. Jaczko  
Chairman  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Dear Chairman Jaczko:

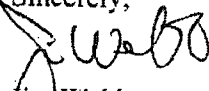
I write regarding the March 16, 2011 Nuclear Regulatory Commission (NRC) evacuation recommendation for U.S. residents within 50 miles of the Fukushima reactors. According to the NRC, this recommendation was issued under guidelines for public safety that would be used in the United States under similar circumstances.

As this recommendation could have important implications for U.S. energy security, public health, and environmental protection, I respectfully request that you disclose all assumptions that were used in reaching this conclusion. In addition to any other relevant information, please address the following points:

- 1) The assumed magnitudes of the total releases (in Curies) to the atmosphere of the radioisotopes dominating the inhalation, cloudshine, and 4-day groundshine effective whole body doses and the thyroid inhalation doses;
- 2) The assumed duration of the releases;
- 3) The assumed wind speed and deposition velocities;
- 4) Any assumption concerning wind wander;
- 5) The height of the assumed release including any height increase of the mid-line of the plume due to heat buoyancy effects; and
- 6) The dose conversion factor that the NRC uses for Iodine-131 for converting exposure to airborne I-131 measured in Ci-seconds/m<sup>3</sup> exposure to thyroid doses in rem for adults and children of different ages.

I appreciate your prompt attention to this matter.

Sincerely,



Jim Webb  
United States Senator