

~~OFFICIAL USE ONLY — SECURITY-RELATED INFORMATION~~



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

August 11, 2016

Mr. Mark E. Reddemann  
Chief Executive Officer  
Energy Northwest  
MD 1023  
76 North Power Plant Loop  
P.O. Box 968  
Richland, WA 99352

SUBJECT: COLUMBIA GENERATING STATION – TRANSMITTAL OF U.S. ARMY CORPS  
OF ENGINEERS FLOOD HAZARD REEVALUATION INFORMATION  
(CAC NO. MF3039)

Dear Mr. Reddemann:

The purpose of this letter is to transmit the U.S. Army Corps of Engineers (USACE) portion of the Columbia Generating Station (Columbia) flood hazard reevaluation (FHR) associated with the assessment of flood hazards due to flooding in streams and rivers, including potential site flooding due to dam failure. By letter dated October 4, 2013 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML13284A075), Energy Northwest (EN, the licensee), requested assistance from the U.S. Nuclear Regulatory Commission (NRC) in obtaining information from USACE to support EN's development of a report documenting the FHR in response to the March 12, 2012, request for information (ADAMS Accession No. ML12073A348). The NRC staff held meetings to discuss the details of the information being provided by USACE with EN and the USACE on the following dates:

- June 10, 2014 (summary at ADAMS Accession No. ML14168A045)
- June 9, 2016 (summary at ADAMS Accession No. ML16167A460)

These meetings were closed to the public due to the discussion of security-related information.

The enclosure to this letter contains the results of the USACE flood hazard reevaluation. The licensee needs to consider the USACE results for Columbia as part of its flood hazard reevaluation report, which is due to the NRC within 60 days of this letter (October 10, 2016). The information contained in the enclosure was developed in accordance with Japan Lessons-Learned Directorate (JLD) interim staff guidance (ISG) JLD-ISG-2013-01, "Interim Staff Guidance For Assessment of Flooding Hazards Due to Dam Failure," dated July 29, 2013 (ADAMS Accession No. ML13151A153), and on the USACE knowledge of the river system.

The enclosure to this letter contains Security-Related Information. When separated from the enclosure, this letter is DECONTROLLED.

M. Reddemann

- 2 -

If you have any questions, please contact me at (301) 415-1056 or by e-mail at [Lauren.Gibson@nrc.gov](mailto:Lauren.Gibson@nrc.gov).

Sincerely,

A handwritten signature in black ink that reads "Lauren K. Gibson". The signature is written in a cursive style.

Lauren K. Gibson, Project Manager  
Hazards Management Branch  
Japan Lessons-Learned Division  
Office of Nuclear Reactor Regulation

Docket No. 50-397

Enclosure:  
CD containing USACE FHR  
spreadsheets, plots, and GIS files

cc w/o encl: Distribution via Listserv

**~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~**

M. Reddemann

- 2 -

If you have any questions, please contact me at (301) 415-1056 or by e-mail at [Lauren.Gibson@nrc.gov](mailto:Lauren.Gibson@nrc.gov).

Sincerely,

***/RA/***

Lauren K. Gibson, Project Manager  
Hazards Management Branch  
Japan Lessons-Learned Division  
Office of Nuclear Reactor Regulation

Docket No. 50-397

Enclosure:  
CD containing USACE FHR  
spreadsheets, plots, and GIS files

cc w/o encl: Distribution via Listserv

**DISTRIBUTION:**

**PUBLIC (LETTER ONLY)**

JHMB R/F

RidsNrrDorLp4-1 Resource

RidsNrrLASLent Resource

RidsNrrPMColumbia Resource

RidsNsrDspRsps Resource

RidsRgn4MailCenter Resource

BHarvey, NRO

CCook, NRO

GBowman, NRR

KSee, NRO

ACampbell NRO

PChaput, NRO

LGibson, NRR

**ADAMS Accession Nos.:** Pkg: ML16202A421; Letter: ML16202A414

\*via e-mail

<b>OFFICE</b>	NRR/JLD/JHMB/PM	NRR/JLD/JHMB/LA	NRR/JLD/JHMB/BC(A)
<b>NAME</b>	AMinarik	SLent	EBowman
<b>DATE</b>	07/19/2016	07/20/2016	08/10/2016
<b>OFFICE</b>	NRO/DSEA/RHM1/BC	NRR/JLD/JHMB/PM	
<b>NAME</b>	CCook	LKGibson	
<b>DATE</b>	08/10/2016	08/11/2016	

**OFFICIAL RECORD COPY**

**~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~**