

SAFEGUARDS INFORMATION

February 28, 2012

Mr. Jeffrey A. Halfinger, Vice President
Technology Development
Babcock & Wilcox Nuclear Energy, Inc.
109 Ramsey Place
Lynchburg, VA 24505

SUBJECT: TRANSMITTAL OF NUCLEAR REGULATORY COMMISSION PHYSICAL
PROTECTION GUIDANCE DOCUMENTS TO BABCOCK & WILCOX NUCLEAR
ENERGY, INC.

Dear Mr. Halfinger:

In a letter to the U.S. Nuclear Regulatory Commission (NRC), dated January 3, 2012 (ML12024A423), Babcock and Wilcox Nuclear Energy, Inc. (B&W NE) requested a copy of safeguards information (SGI) or security-related documents to support progress in the physical protection design efforts associated with the mPower design. In addition, B&W NE stated that the documents requested will be stored, maintained, and controlled at the Ramsey Place offices located in Lynchburg, Virginia. We have collected the information requested and are transmitting it to you via attachments to this letter.

In a letter dated October 28, 2011, the NRC approved B&W NE's Safeguards Protection Program and determined that it provides sufficient assurance that B&W NE will protect the Safeguards Information entrusted to it in accordance with the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) 73.21 and 10 CFR 73.22 (ML112580241). As a reminder, the terms of Order EA-2010-208, "Order Imposing Safeguards Information (SGI) Protection Requirements and Fingerprinting and Criminal History Records Check Requirements for Access to Safeguards Information," issued December 22, 2010, require NRC review and written approval for storage or use of the beyond design basis, large commercial aircraft characteristics at other B&W NE facilities or if you intend to provide SGI to individuals for whom fingerprinting and a Federal Bureau of Investigation criminal history records check is not reasonably expected to yield sufficient criminal history information to form the basis of an informed decision on granting access to SGI.

~~Document transmitted herewith contains SGI. When separated from enclosure(s), this document is decontrolled.~~

SAFEGUARDS INFORMATION

J. Halfinger

-2-

Should you have any questions, comments or concerns regarding this issue, please contact Ms. Yanely Malave, Project Manager via email at Yanely.Malave@nrc.gov or by telephone at (301) 415-1519 or Ms. Joelle Starefos, Lead Project Manager via email at Joelle.Starefos@nrc.gov or by telephone at (301) 415-6091.

Sincerely,

/RA/

Michael E. Mayfield, Director
Division of Advanced Reactors and
Rulemaking
Office of New Reactors

Project No.: 0776

Enclosures:

1. List of NRC Physical Protection Guidance
Documents Transmitted by this Enclosure
2. Reference for Safeguards Documents
Transmitted by this Letter

J. Halfinger

-2-

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Sincerely,

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Michael E. Mayfield, Director
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***via email**

NRO-002

OFFICE	PM:NRO/DARR/APRB	PM:NRO/DARR/APRB	TR:NSIR/DSP/RLSB	BC:NSIR/DSP/RLSB
NAME	YMalave	JStarefos	PLee	RFelts (PLee for)
DATE	1/25/12	2/3/12	2/7/12	2/7/12
OFFICE	BC:NRO/DARR/APRB	OGC*	D:NRO/DARR	
NAME	SMagruder	SVrahoretis	MMayfield	
DATE	2/9/12	2/17/12	2/28/12	

OFFICIAL RECORD COPY

List of NRC Physical Protection Guidance Documents Transmitted by this Enclosure

RG 5.77	Insider Mitigation Program*
RG 1.217	Guidance for the Assessment of Beyond-Design-Basis Aircraft Impacts
RG 5.81	Target Set Identification and development for Nuclear Power Reactors*
NUREG-0509	Bibliography of Technical Guidance for the Physical Protection Upgrade Rule Requirements for Fixed Sites
NUREG-1226	Development and Utilization of the NRC Policy Statement on the Regulation of Advanced Nuclear Power Plant
NUREG-1267	Technical Resolution of Generic Safety Issues A-29
NUREG/BR-0252	User's Guide to Physical Protection Documents
NUREG/CR-0485	Vehicle Access and Search Manual – Prepared by Argonne National Laboratory
NUREG/CR-1198	Design Guidance and Evaluation Methodology for Fixed-Site Physical Protection Systems – Prepared by Sandia National Lab
NUREG/CR-1345	Nuclear Power Plant Design Concepts for Sabotage Protection
NUREG-1381	A Methodology for Evaluating Safeguards Capabilities for Licensed Nuclear Facilities-Prepared by Sandia National Labs
NUREG/CR-2585	Nuclear Power Plant Damage Control Measures and Design Changes for Sabotage Protection - Prepared by Sandia National Lab
NUREG/CR-2643	A Review of Selected Methods for Protecting Against Sabotage by an Insider – Prepared by Sandia National Lab
NUREG/CR-4250	Vehicle Barriers: Emphasis on Natural Features – Prepared by Sandia National Lab*
RIS 2005-04	Guidance on the Protection of Unattended Openings that Intersect a Security Boundary or Area*

* Document classified as Official Use Only.

Reference for Safeguards Documents Transmitted by this Letter

The list of documents provided in this attachment are Safeguards Information and Security-Related Information. These documents are not publicly available because they are protected in accordance with requirements of 10 CFR 73.21, and are "Exempt from Public Disclosure in accordance with 10 CFR 2.390."

The specific listing can be found under NS108472, of the NRC Secure LAN/Electronic Safe (SLES).

Technical Contact: Pete Lee, NSIR
Telephone: 301-415-8111
E-mail: pete.lee@nrc.gov

Enclosure 2