

EDO Principal Correspondence Control

FROM: DUE: 09/13/12

EDO CONTROL: G20120615
DOC DT: 08/06/12
FINAL REPLY:

William M. Craft
Charles D. Surpitski
Patrick J. McNally
Shirley A. Berry
Nishan D. Mootafian
Town of Ipswich, Massachusetts

TO:

Chairman Macfarlane

FOR SIGNATURE OF :

** GRN **

CRC NO: 12-0441

Borchardt, EDO

DESC:

Safety Concerns Regarding Seabrook Nuclear Power
Plant (EDATS: SECY-2012-0418)

ROUTING:

Borchardt
Weber
Johnson
Ash
Mamish
OGC/GC
Dean, RI
Wiggins, NSIR
Zobler, OGC
Merzke, OEDO

DATE: 08/17/12

ASSIGNED TO:

CONTACT:

NRR

Leeds

SPECIAL INSTRUCTIONS OR REMARKS:

This has been provided to DPC for Immediate Release
per SECY.

EDATS

Electronic Document and Action Tracking System



EDATS Number: SECY-2012-0418

Source: SECY

General Information

Assigned To: NRR

OEDO Due Date: 9/13/2012 11:00 PM

Other Assignees:

SECY Due Date: 9/17/2012 11:00 PM

Subject: Safety Concerns Regarding Seabrook Nuclear Power Plant

Description:

CC Routing: RegionI; NSIR; OGC

ADAMS Accession Numbers - Incoming: NONE

Response/Package: NONE

Other Information

Cross Reference Number: G20120615, LTR-12-0441

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: EDO

Sensitivity: None

Approval Level: No Approval Required

Urgency: NO

OEDO Concurrence: NO

OCM Concurrence: NO

OCA Concurrence: NO

Special Instructions:

Document Information

Originator Name: William M. Craft, et al.,

Date of Incoming: 8/6/2012

Originating Organization: Town of Ipswich,
Massachusetts

Document Received by SECY Date: 8/17/2012

Addressee: Chairman Macfarlane

Date Response Requested by Originator: NONE

Incoming Task Received: Letter

OFFICE OF THE SECRETARY
CORRESPONDENCE CONTROL TICKET

Date Printed: Aug 17, 2012 09:37

PAPER NUMBER: LTR-12-0441 **LOGGING DATE:** 08/14/2012
ACTION OFFICE: EDO
AUTHOR: William Craft
AFFILIATION: MA
ADDRESSEE: CHRM Allison Macfarlane
SUBJECT: Concerns safety concerns regarding the Seabrook Nuclear Power Plant
ACTION: Signature of EDO
DISTRIBUTION: RF, SECY to Ack.
LETTER DATE: 08/06/2012
ACKNOWLEDGED No
SPECIAL HANDLING: Immediate public release via SECY/EDO/DPC.
NOTES:
FILE LOCATION: ADAMS
DATE DUE: 09/17/2012 **DATE SIGNED:**

EDO --G20120615



TOWN OF IPSWICH

IPSWICH, MASSACHUSETTS 01938

TOWN HALL
25 GREEN STREET

BOARD OF SELECTMEN

(978) 356-6604 OFFICE
(978) 356-6616 FAX

August 6, 2012

The Honorable Allison Macfarlane, Chairman
Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852

Dear Chairman Macfarlane:

It has recently come to the attention of members of the Ipswich Board of Selectmen that there are significant safety concerns regarding the Nuclear Power Plant located at Seabrook, New Hampshire. Many of our citizen-residents are located across the Great Salt Marsh, in direct line of sight to the Seabrook Nuclear Power Plant and well within the zone of concern should there be a critical incident involving a release of radioactive contamination.

Specifically, we are concerned about the concrete degradation issue at the Seabrook plant, that the NRC has reported on (through your inspection report and other documents), which affects safety-related structures. We understand that groundwater infiltration has led to an alkali-silica reaction (ASR) in tunnels and in the plant's foundation that could pose a threat to long-term plant safety. We appreciate that you are taking steps to require analysis of these problems. However, given that this ASR issue is a novel problem at a US nuclear power plant and, as we are sure you would agree, that public safety is the top priority, we urge the NRC to require the plant to fix the concrete, stop the groundwater infiltration, and undertake all remedial steps that engineering studies indicate are necessary. After these steps are implemented, then the NRC should monitor the plant to determine the effectiveness of the solution.

Fortunately, there are 18 years remaining before the plant's license expires, which provides the NRC an excellent opportunity to fully assess the problem and determine the effectiveness of any remedy before considering relicensing. In other words, the submission of and approval of an "aging management plan" should not be an adequate basis for license renewal in the case of a novel problem of this dimension.

An even more important issue is the fact that the Seabrook plant recently failed the NRC's simulated emergency test of a radiological release, conducted in April 2012. We

understand that the plant failed to identify the simulated radiological release and thus did not notify emergency management authorities.

Ipswich had no knowledge of the simulated emergency test of a radiological release and this situation causes grave concern, as this would have been an excellent opportunity to test our preparedness for such an emergency. The NRC determined that plant personnel did not become aware of the simulated release until the NRC informed them of the incident. Obviously, we are worried about what would have happened had this had been a real release of radiation. It is disheartening to know that this happened, but even more so that this happened when the plant is trying to renew its license, when one would assume that plant personnel would be demonstrating the utmost vigilance.

Safety at Seabrook and the related safety of our citizens is our primary concern. We urge you to insist on public safety as the overriding priority at the Seabrook nuclear power plant. Specifically, we urge you to insist that deficiencies be corrected and that you actually monitor the effectiveness of any remedies employed – particularly as you focus on the critical case of concrete degradation at the plant. The correction of all deficiencies together with a reasonable period to monitor the effectiveness of the corrective measures should be a requirement prior to considering the relicensing of the Seabrook Nuclear Power plant.

Thank you for your attention to this important matter. We look forward to your reply to our concerns.

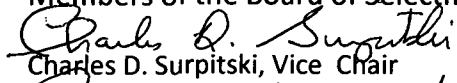
Cordially,



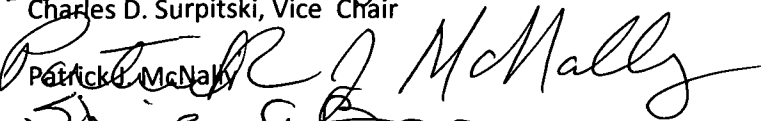
William M. Craft, Chair

Ipswich Board of Selectmen

Members of the Board of Selectmen



Charles D. Surpitski, Vice Chair



Patrick McNally

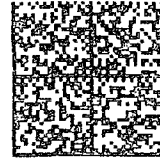
Shirley A. Berry

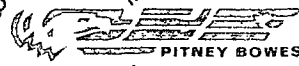


Nishan D. Mootafian



Town of Ipswich
IPSWICH, MASSACHUSETTS 01938
Board of Selectmen



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The Honorable Allison Macfarlane, Chairman
Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852

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