

January 29, 2008

Mr. Kevin Bronson
Site Vice President
Entergy Nuclear Operations, Inc.
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, MA 02360-5508

SUBJECT: PILGRIM NUCLEAR POWER STATION – NOTIFICATION OF
INSPECTION OF THE IMPLEMENTATION OF B.5.b PHASE 2 AND 3
MITIGATING STRATEGIES USING TEMPORARY INSTRUCTION
2515/171

Dear Mr. Bronson:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) staff will conduct an inspection at Pilgrim Nuclear Power Station the week of February 25, 2008. The inspection team will be led by Mr. William Cook from the NRC Region I office. The team will be composed of the resident inspector, an NRR inspector/contractor, and the team leader. The inspection will be conducted in accordance with NRC Temporary Instruction 2515/171, "Verification of Site Specific Implementation of B.5.b Phase 2 and 3 Mitigation Strategies."

In order for the NRC to adequately prepare for this inspection, please furnish the documents listed in Enclosure 1 to the NRC team lead, resident inspector, and NRR inspector (one copy each) at least two weeks prior to the planned on site inspection. Please have available on site at the beginning of the inspection the documents listed in Enclosure 2. Ms. Mary Gatslick, of your staff, has been advised of this request and other inspection team support needs, including the names and addresses of the inspectors assigned to this inspection.

This letter contains information collections that are subject to the *Paperwork Reduction Act of 1995* (44 U.S.C. 3501 et seq.). These information collections were approved by the Office of Management and Budget, approval number 3150-0018, which expires on June 30, 2009.

Mr. Kevin Bronson

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Your cooperation and support during this inspection will be appreciated. If you have any questions regarding this inspection, please contact Mr. Cook at (610)337-5074, or me at (610)337-5146.

Sincerely,

/RA/

John F. Rogge, Chief
Engineering Branch 3
Division of Reactor Safety

Docket No. 50-293
License No. NPF-58

Enclosures:

1. Documentation Requested Prior to the Inspection
2. Arrangements/Documents Requested to be Available Onsite During the Inspection Week

Mr. Kevin Bronson

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SUNSI Review Complete: JFR (Reviewer's Initials)

DOCUMENT NAME: G:\DRS\DIRECTOR\COOK\Pilgrim request Letter for B5b info. doc

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OFFICE	RI/DRS		RI/DRS		RI/DRP	
NAME	WCook/WAC		JRogge/JFR		RPowellRP	
DATE	01/29/2008		01/29/2008		01/29/2008	

cc w/encl:

G. Taylor, Chief Executive Officer, Entergy Operations
M. Kansler, President, Entergy Nuclear Operations, Inc.
J. Wayne Leonard, Chairman and CEO, Entergy Operations
J. Herron, Senior Vice President, Engineering Nuclear Operations
M. Balduzzi, Senior Vice President, Northeastern Regional Operations
S. Bethay, Director, Nuclear Safety Assurance
O. Limpas, Vice President, Engineering
J. DeRoy, Vice President, Operations Support
Sr. Vice President, Engineering and Technical Services
J. McCann, Director, Nuclear Safety and Licensing
J. Lynch, Manager, Licensing, Entergy Nuclear Operations, Inc.
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E. Harkness, Director of Oversight, Entergy Nuclear Operations, Inc.
B. Ford, Manager, Licensing, Entergy Nuclear Operations, Inc.
D. Burke, Manager, Security, Entergy Nuclear Operations, Inc.
R. Smith, Manager, Plant Operations
W. Dennis, Assistant General Counsel, Entergy Nuclear Operations, Inc.
S. Lousteau, Treasury Department, Entergy Services, Inc.
Director, Radiation Control Program, Commonwealth of Massachusetts
W. Irwin, Chief, CHP, Radiological Health, Vermont Department of Health
The Honorable Therese Murray
The Honorable Vincent deMacedo
Chairman, Plymouth Board of Selectmen
Chairman, Duxbury Board of Selectmen
Chairman, Nuclear Matters Committee
Plymouth Civil Defense Director
D. O'Connor, Massachusetts Secretary of Energy Resources
J. Miller, Senior Issues Manager
Office of the Commissioner, Massachusetts Department of Environmental Protection
Office of the Attorney General, Commonwealth of Massachusetts
Electric Power Division, Commonwealth of Massachusetts
R. Shadis, New England Coalition Staff
D. Katz, Citizens Awareness Network
Chairman, Citizens Urging Responsible Energy
W. Meinert, Nuclear Engineer
J. Giarrusso, MEMA, SLO
Commonwealth of Massachusetts, Secretary of Public Safety

Mr. Kevin Bronson

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Distribution w/encl: (via E-mail)

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W. Cook, DRS

S. Schneider, DRP, Senior Resident Inspector

N. Sieller, DRP

A. Ford, DRP, Resident OA

DRS file

DOCUMENTATION REQUESTED PRIOR TO THE INSPECTION

Please provide the items below two weeks prior to the onsite inspection week. For any items below not supplied prior to the onsite inspection week, please have the item available at the start of the onsite inspection. Please provide as much as possible in electronic format. You are reminded to properly identify and handle all Official Use Only-Security-Related Information and/or Proprietary Information in accordance with current guidance.

1. Copies of procedures/guidelines that were revised or generated to implement the mitigation strategies. These could be Extensive Damage Mitigation Guidelines (EDMGs), SAMGs, EOPs, AOPs, etc.
2. A matrix that shows the correlation between the mitigation strategies identified in NEI 06-12 and the site-specific procedures or guidelines that are used to implement the strategy.
3. Engineering evaluations/calculations that were used to verify engineering bases for the mitigation strategies.
4. Simplified flow diagrams for systems relied upon in the mitigation strategies. These diagrams could be the type used for training.
5. Simplified drawings/descriptions of modifications that were made to plant systems to implement the mitigation strategies.

**ARRANGEMENTS/DOCUMENTS REQUESTED TO BE AVAILABLE ONSITE
DURING THE INSPECTION WEEK**

1. Provide a conference room to accommodate up to four (4) NRC staff. Preferably this would be outside the protected area.
2. Site B.5.b contact person(s) should be available for the week
3. B.5.b engineering persons(s) should be on call for questions about any engineering calculations.
4. Appropriate Operations staff should be available, as needed, for plant walkdowns throughout the week.
5. Modification packages for any plant modifications performed as a result of B.5.b.
6. Detailed drawings (e.g., P&IDs) of systems used to implement mitigating strategies.
7. Copies of procedures/guidelines that were revised or generated to implement the mitigation strategies. These could be Extensive Damage Mitigation Guidelines (EDMGs), SAMGs, EOPs, AOPs, etc. This is the same as Item 1 to Enclosure 1, except that hard copies of these procedures/guidelines should be made available for each member of the inspection team.
8. Copies of procedures used to inventory equipment used in the mitigation strategies (e.g., hoses, fittings, pumps, etc.).
9. Training records/ training matrix/ lesson plans related to B.5.b.
10. Copies of Memoranda of Understanding (MOUs) with local fire departments or other emergency services that are required to implement any mitigating strategies.
11. Copies of any evaluations performed to document that enough equipment is available to implement the mitigating strategies (e.g., enough fire hose or electrical cable is available based on a plant walkdown or review of drawings).
12. You are reminded to properly identify and handle all Official Use Only - Security-Related Information and/or Proprietary Information in accordance with current guidance.