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Entergy Nuclear Operations, Inc. Pilgrim Nuclear Power Station 600 Rocky Hill Road Plymouth, MA 02360

Stephen J. Bethay Director, Nuclear Assessment

September 16, 2008

U.S. Nuclear Regulatory Commission Attn: Document Control Desk

Washington, DC 20555

SUBJECT:

Entergy Nuclear Operations, Inc. Pilgrim Nuclear Power Station

Docket 50-293

License No. DPR-35

Response to NRC Request for Additional Information Regarding Control

Systems Vulnerability (TAC NO. MD9100)

REFERENCE:

1. NRC Letter, "Pilgrim Nuclear Power Station - Request for Additional Information Regarding Control Systems Vulnerability", dated July 17, 2008

2. Entergy Letter, "Control System Vulnerability 60 Day Response", dated August 20, 2007

LETTER NUMBER: 2.08.043

Dear Sir or Madam:

This letter provides the response to the NRC Request for Additional Information (Reference 1) regarding Entergy Nuclear Operations, Inc. (ENO), Pilgrim Nuclear Power Station's (PNPS) response "Control System Vulnerability - 60 Day Response" submitted to the NRC on August 20, 2007 (Reference 2). The additional information is provided in Attachment 1 to this letter.

If you have any questions or require additional information, please contact Mr. Joseph R. Lynch, Licensing Manager, at (508) 830-8403.

Entergy requests that the attachment to this letter be withheld from public disclosure in accordance with 10 CFR 2.390.

This letter contains no commitments.

Security Related Information - Withhold from Public Disclosure Under 10 CFR 2.390

I declare under penalty of perjury that the foregoing is true and correct. of September 2008. Sincerely, Stephen J. Bethav Director, Nuclear Safety Assurance Attachment: 1. Entergy Response to NRC Request for Additional Information Regarding Control Systems Vulnerability (TAC NO. MD9100) Regional Administrator, Region 1 CC: Mr. James S. Kim, Project Manager U.S. Nuclear Regulator Commission Plant Licensing Branch I-1 Division of Operator Reactor Licensing 475 Allendale Road King of Prussia, PA 19406 Office of Nuclear Reactor Regulation U.S. Nuclear Regulatory Commission One White Flint North O-8C2 11555 Rockville Pike Rockville, MD 20852

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