



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

January 7, 2010

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

SUBJECT: PILGRIM NUCLEAR POWER STATION - ENVIRONMENTAL ASSESSMENT  
AND FINDING OF NO SIGNIFICANT IMPACT RE: PROPOSED LICENSEE  
NAME CHANGE (TAC NO. MD9832)

Dear Sir or Madam:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application for amendment dated September 30, 2008. The proposed amendment would revise the names on the plant license to match the names of the new companies. Entergy Nuclear Generation Company would be changed to Enexus Nuclear Pilgrim, LLC. Entergy Nuclear Operations, Inc. would be changed to EquaGen Nuclear LLC.

The assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

A handwritten signature in cursive script that reads "James Kim".

James Kim, Project Manager  
Plant Licensing Branch I-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-293

Enclosure:  
Environmental Assessment

cc w/encl: Distribution via Listserv

UNITED STATES NUCLEAR REGULATORY COMMISSION  
ENTERGY NUCLEAR OPERATIONS, INC  
DOCKET NO. 50-293  
PILGRIM NUCLEAR POWER STATION  
ENVIRONMENTAL ASSESSMENT AND FINDING OF  
NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (NRC) is considering issuance of an amendment to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, Section 50.92, for Facility Operating License No. DPR-35, issued to Entergy Nuclear Operations, Inc. (Entergy or the licensee), for operation of Pilgrim Nuclear Power Station (Pilgrim), located in Plymouth County, MA. Therefore, as required by 10 CFR 51.21, the NRC is issuing this environmental assessment and finding of no significant impact.

ENVIRONMENTAL ASSESSMENT

Identification of the Proposed Action

The proposed action would revise the names on the plant license to match the names of the new companies. Entergy Nuclear Generation Company would be changed to Enexus Nuclear Pilgrim, LLC. Entergy Nuclear Operations, Inc. would be changed to EquaGen Nuclear LLC.

The proposed action is in accordance with the licensee's application dated September 30, 2008.

The Need for the Proposed Action:

The proposed action for changing the name of the licensee results from restructuring of Entergy Corporation and the creation of Enexus Energy Corporation as consented to by the NRC Order dated July 28, 2008.

Environmental Impacts of the Proposed Action:

The NRC has completed its safety evaluation of the proposed action and concludes that: (1) there is a reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

The details of the staff's safety evaluation will be provided in the license amendment that will be issued as part of the letter to the licensee approving the license amendment.

The proposed action will not significantly increase the probability or consequences of accidents. No changes are being made in the types of effluents that may be released off site. There is no significant increase in the amount of any effluent released off site. There is no significant increase in occupational or public radiation exposure. Therefore, there are no significant radiological environmental impacts associated with the proposed action.

With regard to potential non-radiological impacts, the proposed action does not have a potential to affect any historic sites. It does not affect non-radiological plant effluents and has no other environmental impact. Therefore, there are no significant non-radiological environmental impacts associated with the proposed action.

Accordingly, the NRC concludes that there are no significant environmental impacts associated with the proposed action.

Environmental Impacts of the Alternatives to the Proposed Action:

As an alternative to the proposed action, the NRC staff considered denial of the proposed action (i.e., the "no-action" alternative). Denial of the application would result in no change in current environmental impacts. The environmental impacts of the proposed action and the alternative action are similar.

Alternative Use of Resources:

The action does not involve the use of any different resources than those previously considered in the Final Environmental Statement for Pilgrim, dated January 1972.

Agencies and Persons Consulted:

In accordance with its stated policy, on December 15, 2009, the NRC staff consulted with the Massachusetts State official of the Massachusetts Emergency Management Agency regarding the environmental impact of the proposed action. The State official had no comments.

FINDING OF NO SIGNIFICANT IMPACT

On the basis of the environmental assessment, the NRC concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the NRC has determined not to prepare an environmental impact statement for the proposed action.

For further details with respect to the proposed action, see the licensee's letter dated September 30, 2008, Agencywide Documents Access and Management System (ADAMS) accession number ML082830135. Documents may be examined, and/or copied for a fee, at the NRC's Public Document Room (PDR), located at One White Flint North, Public File Area O1 F21, 11555 Rockville Pike (first floor), Rockville, Maryland. Publicly available records will be accessible electronically from the ADAMS Public Electronic Reading Room on the Internet at the NRC Web site, <http://www.nrc.gov/reading-rm/adams.html>. Persons who do not have access to

ADAMS or who encounter problems in accessing the documents located in ADAMS should contact the NRC PDR Reference staff by telephone at 1-800-397-4209 or 301-415-4737, or send an e-mail to [pdr@nrc.gov](mailto:pdr@nrc.gov).

Dated at Rockville, Maryland, this 7th day of 2010.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "James Kim". The signature is written in a cursive style with a long horizontal stroke at the end.

James Kim, Project Manager  
Plant Licensing Branch 1-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

January 7, 2010

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*/RA/*

James Kim, Project Manager  
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Environmental Assessment

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ADAMS ACCESSION NUMBER: ML093490759

OFFICE	LPL1-1/PM	LPL1-1/LA	REBA/BC	OGC	LPL1-1/BC
NAME	JKim	SLittle	Almboden	SUttal	NSalgado
DATE	12/17/09	12/17/09	12/22/09	1/04/2010	1/07/2010

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