

February 24, 2006

LICENSEE: AmerGen Energy Company, LLC

FACILITY: Oyster Creek Nuclear Generating Station

SUBJECT: SUMMARY OF A TELEPHONE CONFERENCE CALL HELD ON  
JANUARY 26, 2006, BETWEEN THE U.S. NUCLEAR REGULATORY  
COMMISSION AND AMERGEN ENERGY COMPANY, LLC, CONCERNING  
DRAFT REQUEST FOR ADDITIONAL INFORMATION PERTAINING TO THE  
OYSTER CREEK NUCLEAR GENERATING STATION, LICENSE RENEWAL  
APPLICATION

The U.S. Nuclear Regulatory Commission staff (NRC or the staff), and representatives of AmerGen Energy Company, LLC (AmerGen), held a telephone conference call on January 26, 2006, to discuss and clarify the staff's draft request for additional information (D-RAI) concerning the Oyster Creek Nuclear Generating Station license renewal application (LRA). The conference call was useful in clarifying the intent of the staff's D-RAI.

Enclosure 1 provides a listing of the conference call participants. Enclosure 2 contains a listing of the D-RAI discussed with the applicant, including a brief description on the status of the items.

The applicant had an opportunity to comment on this summary.

***/RA LLund for/***

Donnie J. Ashley, Project Manager  
License Renewal Branch A  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket No. 50-219

Enclosures:  
As stated

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Oyster Creek Nuclear Generating Station      -2-

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Letter to Licensee AmerGen Energy Company from Donnie Ashley dated February 24, 2006

SUBJECT: SUMMARY OF A TELEPHONE CONFERENCE CALL HELD ON  
JANUARY 26, 2006, BETWEEN THE U.S. NUCLEAR REGULATORY  
COMMISSION AND AMERGEN ENERGY COMPANY, LLC, CONCERNING  
DRAFT REQUEST FOR ADDITIONAL INFORMATION PERTAINING TO THE  
OYSTER CREEK NUCLEAR GENERATING STATION, LICENSE RENEWAL  
APPLICATION

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**LIST OF PARTICIPANTS FOR TELEPHONE CONFERENCE CALL  
TO DISCUSS THE OYSTER CREEK NUCLEAR GENERATING STATION  
LICENSE RENEWAL APPLICATION**

January 26, 2006

**Participants**

Donnie Ashley  
Kenneth Chang  
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New Jersey Department of Environmental Protection

**DRAFT REQUESTS FOR ADDITIONAL INFORMATION (D-RAI)  
OYSTER CREEK NUCLEAR GENERATING STATION  
LICENSE RENEWAL APPLICATION**

January 26, 2006

The U.S. Nuclear Regulatory Commission staff (NRC or the staff) and representatives of AmerGen Energy Company, LLC (AmerGen), held a telephone conference call on January 26, 2006, to discuss and clarify the staff's draft request for additional information (D-RAI) concerning the Oyster Creek Nuclear Generating Station license renewal application (LRA). The following D-RAIs were discussed during the telephone conference call.

**D-RAI 4.7.2-1**

Based on the monitoring of the drywell thickness to date, the applicant is requested to provide the following information:

- (a) For the drywell corrosion existing during the late 1980s, and the new corrosion found during the subsequent inspections, provide the process used to establish confidence that the sampling done and the areas considered for identifying the areas of corrosion have been adequate.
- (b) Provide a summary of the factors considered in establishing the minimum required drywell thickness at various elevations of the drywell.
- (c) Reference 4.8-21 cited in the application discusses pros and cons of various methods of mitigating the drywell shell corrosion. Provide a summary of the actual mitigating actions taken and their effectiveness.
- (d) Provide a comparative graph (or chart) showing the drywell thickness based on the assumed corrosion rate and the actual corrosion rate found after the mitigating actions were implemented.

**Discussion:** Licensee understands the question and will provide a response.

**D-RAI 4.7.2-2**

A number of Mark I containments have experienced corrosion inside their drywells at the junction of the bottom concrete floor and the steel shell. The applicant is requested to provide information regarding corrosion of the drywell shell at this location or any other location of the drywell inside surfaces.

**Discussion:** Licensee understands the question and will provide a response.

**D-RAI 4.7.2-3**

Leakage from the refueling seal has been identified as one of the reasons for accumulation of water and contamination of the sand-pocket area. The refueling water passes through the gap

Enclosure 2

between the shield concrete and the drywell shell in the long length of inaccessible areas. As there is a potential for corrosion in this area, Subsection IWE of the ASME code would require augmented inspection of this area. The applicant is requested to provide a summary of inspections performed (visual and NDE) and mitigating actions taken to prevent water leaks from the refueling seal components.

**Discussion:** Licensee understands the question and will provide a response.

**D-RAI 4.7.2-4**

The industry-wide operating experience indicates a number of incidences of torus corrosion in Mark I containments. Neither Table 3.5.2.1.1, nor AMP B.1.27, describes operating experience related to corrosion of the Oyster Creek torus. The applicant is requested to provide a summary of the results of IWE inspections performed on the torus, and a description of the torus condition.

**Discussion:** Licensee understands the question and will provide a response.

**D-RAI 4.7.2-5**

The staff believes that for this important issue, the updated final safety analysis report (UFSAR) Supplement, should, as a minimum, briefly describe the quantitative aspect of the drywell corrosion, and the applicant's plans to maintain it above a certain thickness to ensure that the containment could perform its intended function during the period of extended operation. The time-limited aging analysis (TLAA) and Subsection IWE of the ASME code are the procedures by which the licensee will maintain the containment functionality.

**Discussion:** Licensee understands the question and will provide a response.