

January 30, 2006

LICENSEE: AmerGen Energy Company, LLC

FACILITY: Oyster Creek Nuclear Generating Station

SUBJECT: SUMMARY OF A TELEPHONE CONFERENCE CALL HELD ON  
DECEMBER 20, 2005, 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), Information System Laboratory (ISL), and representatives of AmerGen Energy Company, LLC (AmerGen) held a telephone conference call on December 20, 2005, 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 meeting 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/*

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

Docket No. 50-219

Enclosures:  
As stated

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**/RA/**

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Oyster Creek Nuclear Generating Station

-2-

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Letter to Licensee AmerGen Energy Company from Donnie Ashley, dated: January 30, 2006

SUBJECT: SUMMARY OF A TELEPHONE CONFERENCE CALL HELD ON  
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APPLICATION

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

December 20, 2005

**Participants**

Donnie Ashley  
Naeem Iqbal  
Fred Polaski  
John Hufnagel  
Don Warfel  
Kevin Muggelston

**Affiliations**

U.S. Nuclear Regulatory Commission (NRC)  
NRC  
AmerGen Energy Company, LLC (AmerGen)  
AmerGen  
AmerGen  
AmerGen

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

December 20, 2005

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of AmerGen Energy Company, LLC (AmerGen) held a telephone conference call on December 20, 2005, 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 2.3.3.15-1**

LRA drawing LR-JC-19479, Sheet 2 shows the sprinkler system valve for sprinkler systems 17A and 17B (C-1) colored in green (i.e., in scope). LRA Drawing LR-JC-19479, Sheet 3 of 4 shows sprinkler systems 17A and 17B (A-6) as out of scope. Verify whether sprinkler Valves 17A and 17B are in scope of license renewal in accordance with 10 CFR 54.4(a) and subject to an aging management review (AMR) in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and not subject to an AMR, provide justification for the exclusion.

**Discussion:** Licensee understands question and will supply answer.

**D-RAI 2.3.3.15-2**

LRA Drawing LR-JC-19479, Sheet 1 shows a nitrogen bottle (E-8) on deluge system 10 colored in green (i.e., in scope). Note 4 states the nitrogen bottle is replaced periodically and is therefore not long-lived and not subject to an AMR. Clarify the status of this bottle.

**Discussion:** Licensee explained that the subject bottles were determined to be in scope but were screened out and are not subject to AMR. Question is withdrawn.

**D-RAI 2.3.3.15-3**

LRA Drawing LR-JC-19629, Sheet 1 shows CO<sub>2</sub> bottles for the Turbine Exciter CO<sub>2</sub> system and the Turbine Bearing #10 CO<sub>2</sub> system as in scope and subject to an AMR. Verify that this is a correct designation for these bottles versus periodic replacement and not long lived and not subject to an AMR.

**Discussion:** Table 3.3.21-15 shows subject to AMR. Question is withdrawn.

**D-RAI 2.3.3.15-4**

LRA drawing LR-JC-19629, Sheet 2 shows Halon bottles for the 480V Switchgear Room Halon System 1301 System, the Control Room Halon System A&B Series 600, Control Room Halon System C Series 70, and the Battery Room A&B Halon System Series as in scope and subject

Enclosure 2

to an AMR. Verify that this is a correct designation for these bottles versus periodic replacement and not long lived and not subject to an AMR.

**Discussion:** Bottles are subject to AMR. Question is withdrawn.

#### **D-RAI 2.3.3.15-5**

LRA Drawing LR-JC-19629, Sheet 2 shows Halon bottles for the 480V Switchgear Room Halon System 1301 System, the Control Room Halon System A&B Series 600, Control Room Halon System C Series 70, and the Battery Room A&B Halon System Series as in scope and subject to an AMR. However, Detail A and Detail C showing cylinder valves are not shown in green. Verify whether the components are in scope of license renewal in accordance with 10 CFR 54.4(a) and subject to an AMR in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and not subject to an AMR, provide justification for the exclusion.

**Discussion:** Valves are in scope and shown on Page 2.3-107. Question is withdrawn.

#### **D-RAI 2.3.3.15-6**

LRA Section 2.3.3.15 discusses automatic wet pipe sprinkler and deluge systems, manually actuated pre-action sprinkler systems, and an automatic pre-action sprinkler system, but does not state where these systems are located. Clarify which sprinkler systems and deluge systems are in scope for license renewal and subject to an AMR. Also clarify the areas of coverage.

**Discussion:** Drawing 479, Sheet 2 shows system ID on drawings. Question is withdrawn.

#### **D-RAI 2.3.3.15-7**

LRA Section 2.3.3.15 discusses hose stations, but does not state where these stations are located. The fire hose stations including hose connections perform a pressure boundary intended function with the rest of the FP water supply system. Clarify whether the fire hose stations and connections are in scope for license renewal and subject to an AMR. If they are excluded from the scope of license renewal and not subject to an AMR, provide justification for the exclusion. Also clarify the areas of coverage

**Discussion:** Drawing 479, Sheet 2 table shows system ID on drawings. Question is withdrawn.

#### **D-RAI 2.3.3.15-8**

NRC Safety Evaluation Report dated March 3, 1978 Sections 3.1.5 and 5.9 discusses Halon 1301 system for the Cable Spreading Room (CSR). The LRA does not list Halon 1301 system for CSR. Verify whether the Halon 1301 system and components are in scope of license renewal in accordance with 10 CFR 54.4(a) and subject to an AMR in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and not subject to an AMR, provide justification for the exclusion.



**Discussion:** Licensee has additional information, understands the question and will supply answer.

**D-RAI 2.3.3.15-9**

NRC Safety Evaluation Report dated March 3, 1978, Section 3.1.6 discusses automatic water spray and detection systems to protect safety-related cabling on the 23-foot level and 51-foot level of the reactor building, and safety-related cables below the 4160V switchgear vault. The LRA does not list automatic spray system for above mentioned areas. Verify whether the automatic spray system and components are in scope of license renewal in accordance with 10 CFR 54.4(a) and subject to an AMR in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and not subject to an AMR, provide justification for the exclusion.

**Discussion:** Licensee understands question and will supply answer.

**D-RAI 2.3.3.15-10**

Safety Evaluation Report dated March 3, 1978 Section 3.1.7 discusses the sprinkler systems for

(1) metal deck roof at the 119-foot of the reactor building, (2) spent fuel pool cooling pumps, (3) above and below the suspended ceiling to protect cables above the ceiling in the monitor and change room, (4) diesel-driven fire pumps and outside fuel oil storage tanks, and (5) above cable trays which are at the ceiling level of the condenser bay along the west wall of the turbine building. Verify whether these sprinkler systems and components are in scope of license renewal in accordance with 10 CFR 54.4(a) and subject to an AMR in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and not subject to an AMR, provide justification for the exclusion.

**Discussion:** Licensee understands question and will supply answer.

**D-RAI 2.3.3.15-11**

Safety Evaluation Report dated March 3, 1978 Section 3.1.21 discusses water shields, dikes, or other protection that will be provided where breaks of suppression system piping may damage safety-related equipment. Were water shields installed? If so, are they in scope of license renewal in accordance with 10 CFR 54.4(a) and subject to an AMR in accordance with 10 CFR 54.21(a)(1)? If they are excluded from the scope of license renewal and not subject to an AMR, provide justification for the exclusion.

**Discussion:** Licensee understands question and will supply answer.

**D-RAI 2.3.3.15-12**

NRC Safety Evaluation Report dated March 3, 1978 Section 4.5 discusses floor drains in various areas to drain off fire suppression water. Are they in the scope of license renewal in accordance with 10 CFR 54.4(a) and subject to an AMR in accordance with 10 CFR 54.21(a)(1)? If they are

excluded from the scope of license renewal and not subject to an AMR, provide justification for the exclusion.

**Discussion:** Sections 2.3.3.22, 2.3.3.30 and 2.3.3.33 identify floor drains. Question is withdrawn.

**D-RAI 3.3.2.1.15-1**

LRA Table 3.3.2.1.15, "Fire Protection System" shows that there is no aging effect requiring management and no aging management program for Fire Barrier Walls and Slabs made of Gypsum Board exposed to indoor air. Explain why Gypsum Board does not require an AMP for the indoor environment.

**Discussion:** Licensee understands the question and will supply answer.

**D-RAI 3.3.2.1.15-2**

LRA Table 3.3.2.1.15, "Fire Protection System," shows that there is no aging effect requiring management and no aging management program for Flexible Hose made of Polyethylene (teflon) exposed to internal and external environment. Explain why Polyethylene (teflon) does not require an AMP for internal and external environment.

**Discussion:** Licensee understands the question and will supply answer.

**D-RAI 3.3.2.1.15-3**

LRA Table 3.3.2.1.15 listed a spray nozzle for CO<sub>2</sub> and Halon but did not list the spray nozzle for water. Explain why water spray nozzles do not require an AMP.

**Discussion:** Licensee understands the question and will supply answer.