January 17, 2005

NRC 2005-0007
10 CFR 54

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Point Beach Nuclear Plant, Units 1 and 2
Dockets 50-266 and 50-301
License Nos. DPR-24 and DPR-27

Response to Request for Additional Information
Regarding the Point Beach Nuclear Plant License Renewal Application
(TAC Nos. MC2099 and MC2100)

By letter dated February 25, 2004, Nuclear Management Company, LLC (NMC), submitted the Point Beach Nuclear Plant (PBNP) Units 1 and 2 License Renewal Application (LRA). On December 17, 2004, the Nuclear Regulatory Commission (NRC) requested additional information regarding the Essential Ventilation System (Section 2.3.3.10 of the LRA). The enclosure to this letter contains NMC's response to the staff's questions.

Should you have any questions concerning this submittal, please contact Mr. James E. Knorr at (920) 755-6863.

This letter contains no new commitments and no revisions to existing commitments.

I declare under penalty of perjury that the forgoing is true and correct. Executed on January 17, 2005.

for

Dennis L. Koehl
Site Vice-President, Point Beach Nuclear Plant
Nuclear Management Company, LLC

Enclosure

A093

cc: Administrator, Region III, USNRC
Project Manager, Point Beach Nuclear Plant, USNRC
Resident Inspector, Point Beach Nuclear Plant, USNRC
PSCW

ENCLOSURE

RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION REGARDING POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2 LICENSE RENEWAL APPLICATION

The following information is provided in response to the Nuclear Regulatory Commission (NRC) staff's request for additional information (RAI) regarding the Point Beach Nuclear Plant (PBNP) License Renewal Application (LRA).

The NRC staff's question is restated below, with the Nuclear Management Company (NMC) response following.

2.3.3.10 Essential Ventilation System

RAI 2.3.3.10-1 *(previously D-RAI 2.3.3.10-2)*

The Essential Ventilation System as described in the Point Beach Final Safety Analysis Report (PBNP FSAR) Sections 9.8 and 9.8.3 include the control room ventilation system, which is designed to provide heating, ventilation, air conditioning, and radiological habitability for the control and computer rooms within the control room envelope. The Essential Ventilation System license renewal drawings LR-M-144 sheet 2 and LR-M-214 sheets 1 and 4 highlight chiller components as in scope that are not included in LRA table 2.3.3-10, "Essential Ventilation System" and LRA Table 3.3.2-9, "Auxiliary Systems - Essential Ventilation System - Summary of Aging Management Evaluation." For example, while the tables list piping and fittings, pump casing, heat exchangers and coolers etc., they do not list the chiller and associated components shown on LR-M-214 sheet 4 at location C-9 for the control room chill water system. Degradation of these components could adversely impact the ability of the control room ventilation system to carry out its intended functions. Clarify whether these components and all other applicable components of the chill water system are within the scope of license renewal in accordance with 10CFR 54.4(a), and subject to aging management review in accordance with 10CFR 54.21(a)(1). If these components are within the scope of license renewal, update the LRA by providing the applicable information in the appropriate LRA tables. If these components are excluded from the scope of license renewal and not subject to an AMR, provide justification for the exclusion.

NMC Response:

The chiller and associated subcomponents for the control room ventilation system are within the scope of license renewal in accordance with 10 CFR 54.4(a) and subject to aging management review in accordance with 10 CFR 54.21(a)(1).

The chiller and associated subcomponents that are referenced above are referred to as heat exchangers in the plant equipment database (i.e., CHAMPS). As part of NMC's license renewal review of these components, subcomponents were created to represent the chiller (and condenser) portions of this air conditioning unit. However, this did not result in the creation of specific "Chiller" and "Condenser" Component Types but rather incorporated these subcomponents in the "Heat Exchanger" Component Type. Therefore, "Chiller" or "Condenser" Component Types do not appear in LRA Tables 2.3.3-10 or 3.3.2-9. The "Heat Exchanger" line items in LRA Table 3.3.2-9 that have a "Treated Water" Environment represent those subcomponents that are on the chilled water side of the unit. The "Heat Exchanger" line items with an "Air/Gas" Environment represent the subcomponents that are on the refrigerant side of the unit. The "Heat Exchanger" line items with a "Raw Water" Environment represent the subcomponents that are on the service water side of the unit. Therefore, no update to the LRA is required.