Kewaunee Nuclear Power Plant
N490 Highway 42
Kewaunee, WI 54216-9511
920.388.2560

Point Beach Nuclear Plant
6610 Nuclear Road
Two Rivers, WI 54241
920.755.2321

NMC
Committed to Nuclear Excellence

Kewaunee / Point Beach Nuclear
Operated by Nuclear Management Company, LLC

NRC 2002-0010

10 CFR 50.36

January 17, 2002

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

Dockets 50-266 and 50-301
Point Beach Nuclear Plant, Units 1 and 2
TECHNICAL SPECIFICATION BASES B 3.3.1 REVISION

Ladies/Gentlemen:

Nuclear Management Company, LLC (NMC), licensee for the Point Beach Nuclear Plant (PBNP) Units 1 and 2, hereby submits a revision to the following Bases for Technical Specifications (TS): B 3.3.1, "RPS Instrumentation". A description of the changes is provided in Attachment I.

These changes have been screened for evaluation pursuant to the requirements of 10 CFR 50.59 in accordance with approved PBNP procedures and were determined to be acceptable.

Attachment II provides a clean copy of the affected TS Bases page indicating the changes.

Sincerely,

Thomas H. Taylor
Plant Manager

RDS/kmd

Attachments: I - Description and Assessment of Changes
II - Revised Technical Specifications Bases Page

cc: NRC Regional Administrator
NRC Resident Inspector
NRC Project Manager
PSCW

A001
Rec'd 02/13/02

DESCRIPTION AND ASSESSMENT OF CHANGES

TECHNICAL SPECIFICATION BASES B 3.3.1 REVISION

POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2

1.0 INTRODUCTION

Nuclear Management Company, LLC (NMC), licensee for the Point Beach Nuclear Plant (PBNP) Units 1 and 2, hereby submits a revision to the following Bases for Technical Specifications (TS): B 3.3.1, "RPS Instrumentation".

2.0 DESCRIPTION AND ANALYSIS

TS Limiting Condition for Operation (LCO) 3.3.1, Required Action D.1, requires an inoperable channel to be placed in the trip condition in 1 hour. The Bases discussion of the Completion Time requirements for LCO 3.3.1, Required Action D.1, had incorrectly stated this time as 6 hours. Therefore, this statement was revised to correct the 6 hours to 1 hour to accurately reflect the requirements of TS LCO 3.3.1, Required Action D.1.

REVISED TECHNICAL SPECIFICATIONS BASES PAGE

(incorporating proposed changes)

BASES

ACTIONS (continued) The additional hour provides sufficient time to accomplish the action in an orderly manner. With the RTBs open, the Manual Reactor Trip Function is no longer required.

D.1 and D.2

Condition D applies to the following reactor trip Functions:

- Power Range Neutron Flux-High;
- Power Range Neutron Flux-Low;
- Overtemperature ΔT;
- Overpower ΔT;
- Pressurizer Pressure-High;
- SG Water Level-Low Low; and
- SG Water Level - Low coincident with Steam Flow/Feedwater Flow Mismatch.

A known inoperable channel must be placed in the tripped condition within 1 hour. Placing the channel in the tripped condition results in a partial trip condition requiring only one-out-of-two logic for actuation of the two-out-of-three trips and one-out-of-three logic for actuation of the two-out-of-four trips.

If the inoperable channel cannot be placed in the tripped condition within the specified Completion Time, the unit must be placed in a MODE where these Functions are not required OPERABLE. An additional 6 hours is allowed to place the unit in MODE 3. Six hours is a reasonable time, based on operating experience, to place the unit in MODE 3 from full power in an orderly manner and without challenging unit systems.

E.1 and E.2

Condition E applies to the Underfrequency Bus A01 and A02 trip function. With one channel inoperable, the inoperable channel must be placed in the tripped condition within 6 hours. Placing the channel in the tripped condition results in a partial trip condition requiring only one additional channel to initiate a reactor trip above the P-7 setpoint. The 6 hours to place the channel in the tripped condition is necessary due to plant design requiring maintenance personnel to effect the trip of the