

PrairieIslandNPEm Resource

From: Richard Plasse
Sent: Wednesday, August 27, 2008 10:55 AM
To: Eckholt, Gene F.
Subject: FW: RAIs
Attachments: RAI Section 2.2.doc

draft RAIs FYI

From: Edward Smith
Sent: Wednesday, August 27, 2008 7:08 AM
To: Richard Plasse
Subject: RAIs

Rich,

As you requested.

Ed

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Hearing Identifier: Prairie_Island_NonPublic
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Mail Envelope Properties (Richard.Plasse@nrc.gov20080827105500)

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From: Richard Plasse

Created By: Richard.Plasse@nrc.gov

Recipients:
"Eckholt, Gene F." <Gene.Eckholt@xenuclear.com>
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REQUEST FOR ADDITIONAL INFORMATION
LRA SECTION 2.2

RAI#: 2.2-01

Background:

UFSAR Section 1.3.9, Engineered Safety Features, 1.3.9.f.2 states in part:

The Shield Building Special Ventilation System provides pressure control in the annulus between the Containment Vessel and the Shield Building, and recirculation of annulus air through particulate, absolute and charcoal filters during accident conditions.

LRA Section 2.3.3.6, Cooling Water System Code CL-02 states:

Cooling water supplies wash water to the safeguards traveling screens in the emergency pump bay and the water to the Fire Protection Deluge System installed in each filter assembly in the Shield Building and Auxiliary Building Special Ventilations sub-systems.

Issue:

The Shield Building Ventilation System is addressed in LRA Section 2.3.3.14, Primary Containment Ventilation System, however, the Shield Building **Special** Ventilation System cannot be found in the LRA.

Request:

1. Clarify that the Shield Building Special Ventilation System of LRA Section 2.3.3.6 and UFSAR Section 1.3.9 is the same system as LRA Section 2.3.3.14, Shield Building Ventilation sub-system, or
2. Provide the reasoning for not including the Shield Building Special Ventilation System in Table 2.2-1, Plant Level Scoping Results.

RAI#: 2.2-02

Background:

UFSAR Table 12.2-1, Classification of Structures, Systems and Components, classifies the Chemical Lab and Counting Room Ventilation System as Class III.

LRA Section 2.3.3.19 states in part:

The ZB System includes the Turbine Building, Old Admin Building, New Admin Building, Cold Chemical Lab, and TSC Ventilation and Cleanup sub-systems.

Issue:

The Chemical Lab and Counting Room Ventilation System identified in UFSAR Table 12.2-1 cannot be found in the LRA.

Request:

1. Clarify that the Cold Chemical Lab of LRA Section 2.3.3.19 is the same system as UFSAR Table 12.2-1 Chemical Lab and Counting Room Ventilation System, or
2. Provide the reasoning for not including the Chemical Lab and Counting Room Ventilation System in Table 2.2-1, Plant Level Scoping Results.

RAI#: 2.2-03

Background:

UFSAR Table 12.2-1, Classification of Structures, Systems and Components, classifies the Generator Cooling Water System as Class III.

Issue:

The Generator Cooling Water System could not be located in Table 2.2-1, Plant Level Scoping Results.

Request:

Provide the reasoning for not including the Generator Cooling Water system in Table 2.2-1, Plant Level Scoping Results.

RAI#: 2.2-04

Background:

UFSAR Table 12.2-1, Classification of Structures, Systems and Components, classifies the Reactor Gap Cooling, Reactor Refueling Cavity Ventilation and Reactor Support Cooling Systems as Class II.

Issue:

The Reactor Gap Cooling, Reactor Refueling Cavity Ventilation or Reactor Support Cooling Systems could not be located in Table 2.2-1, Plant Level Scoping Results.

Request:

Provide the reasoning for not including the Reactor Gap Cooling, Reactor Refueling Cavity Ventilation and Reactor Support Cooling Systems in Table 2.2-1, Plant Level Scoping Results.

RAI#: 2.2-05Background:

1. USAR 4.4.2.4, Acoustic Monitoring System states in part:

The acoustic monitoring system indicates the position of the pressurizer safety valves and the PORVs. It provides a rapid means of detecting flow through the safety valves and the PORVs. The acoustic monitors are installed on the common discharge of the safety valves and the inlets for each PORV.

2. USAR 7.9.3, Seismic Monitoring System, states in part:

The Seismic Monitoring System was installed in response to AEC questions during original plant licensing. These commitments also stated that the central seismic monitoring and recording system would be installed in accordance with Safety Guide 12 (Reference 58). The purpose of this QA type 3 system is to monitor and record seismic events and to determine the peak seismic accelerations of critical plant piping systems during a seismic event.

Issue:

The Acoustic Monitoring and Seismic Monitoring Systems could not be located in Table 2.2-1, Plant Level Scoping Results.

Request:

Provide the reasoning for not including the Acoustic Monitoring and Seismic Monitoring Systems in Table 2.2-1, Plant Level Scoping Results.