



TRANSMITTAL OF MEETING HANDOUT MATERIALS FOR IMMEDIATE PLACEMENT IN THE PUBLIC DOMAIN

This form is to be filled out (typed or hand-printed) by the person who announced the meeting (i.e., the person who issued the meeting notice). The completed form, and the attached copy of meeting handout materials, will be sent to the Document Control Desk on the same day of the meeting; under no circumstances will this be done later than the working day after the meeting. Do not include proprietary materials.

DATE OF MEETING

06/26/2000

The attached document(s), which was/were handed out in this meeting, is/are to be placed in the public domain as soon as possible. The minutes of the meeting will be issued in the near future. Following are administrative details regarding this meeting:

Docket Number(s) 50-397
Plant/Facility Name WNP-2/ Energy Northwest
TAC Number(s) (if available) N/A
Reference Meeting Notice 2000-0632
Purpose of Meeting (copy from meeting notice) Discuss standby gas treatment /secondary containment drawdown time

NAME OF PERSON WHO ISSUED MEETING NOTICE

Jack Cushing

TITLE

Project Manager

OFFICE

NRR

DIVISION

DLPM

BRANCH

PDIV-4

Distribution of this form and attachments:

Docket File/Central File PUBLIC

DFol



WNP-2 Secondary Containment
License Amendment Submittal
Status Meeting

Energy Northwest / NRC

June 26, 2000

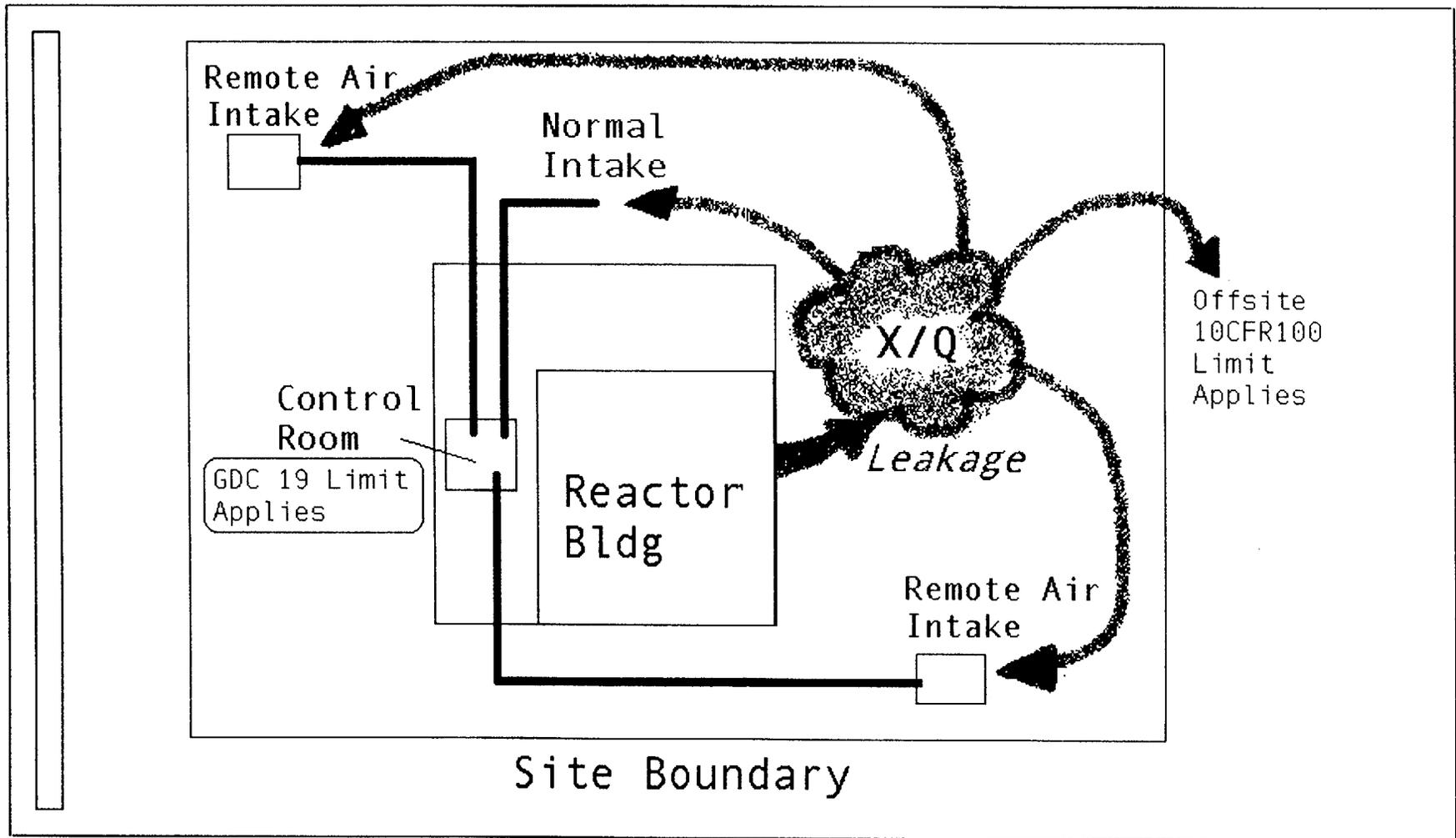
Overview

- Purpose of Meeting Rod Webring, Vice President
- Historical Review Paul Inserra, WNP-2 Licensing Mgr.
- Current JCO Paul Inserra
- Submittal Issues &
Resolution Mike Humphreys, Rx/Fuels Eng. Mgr.
- Pathforward Mike Humphreys
- Schedule Review Bruce Boyum, Assistant Eng. Mgr.
- Conclusions Rod Webring

Purpose of Meeting

- Review and discuss the following:
 - The sequence of events which resulted in operation under a JCO for such an extended period of time.
 - The current JCO basis.
- Present Energy Northwest's strategy for resolution of these issues and schedule for re-submittal
- Identify any outstanding NRC issues associated with the resolution strategy

Fundamental Issue



Historical Review

- Review of Nine Mile Point Condition 2/88
- USQ - JCO - LER 9/89
 - Certain wind and low temperature conditions could reduce the capability to achieve the required negative differential pressure in secondary containment following a loss of coolant accident, coincident with an assumed failure of one standby gas treatment system filter train.
 - JCO Rev. 0 concluded that secondary containment drawdown and leakage would be maintained within 10CFR100 and GDC 19 limits when considering best estimate values for plant operating conditions.
- NRC Issues SER for JCO 1/90
 - SER concluded that continued operation of WNP-2 was justified until a final resolution was achieved.
- Resolution Plan Proposed 2/90
- Final Resolution Plan Submitted 12/92

Historical Review

- | | |
|---|-------|
| ■ JCO Current Rev. 5 Issued | 1/94 |
| – Subsequent JCO revisions refined Rev. 0 assumptions. | |
| ■ Potential instrumentation inaccuracies | |
| ■ Service Water bounding temperatures | |
| ■ Room cooler efficiencies due to potential fouling | |
| – Latest JCO (Rev 5) is consistent with the bases for the Safety Evaluation Report issued by the Staff in 1990. | |
| ■ No changes have been made to the plant that would invalidate the conclusions of the JCO & SER | |
| ■ NRC / SS meeting | 2/95 |
| ■ NRC Inspection 96-11 | 7/96 |
| ■ Proposed TS Amendment Plan Issued | 8/96 |
| ■ TS Amendment Request Submitted | 10/96 |

Historical Review (cont.)

- | | |
|--|-------|
| ■ NRC RAI #1 (issued 10/97) Response | 12/97 |
| ■ NRC RAI #2 (issued 2/99) Response | 4/99 |
| ■ NRC RAI #3 (issued 5/99) Response | 6/99 |
| ■ Withdrawal of Amendment Request | 7/99 |
| ■ Began Re-analysis | 7/99 |
| ■ Completed Re-analysis | 1/00 |
| ■ NRC Meeting on revised submittal | 1/00 |
| ■ Began analysis to address new issues
identified in 1/00 meeting | 2/00 |
| ■ Conference Call on Submittal Plans | 5/00 |

Submittal Issues Resulting From January 27, 2000 Meeting

■ Control Room Habitability

- Control room air inleakage verification

■ X/Q Determination

- New restrictions on use of ARCON96 raise questions regarding suitability of ARCON96 vs. Murphy-Campe.

■ Secondary Containment Mixing

- Adequacy of Justification for 40% Mixing Assumption

Control Room Habitability

Resolution Strategy

- Conducted a Control Room HVAC Leak Test
 - No inleakage found.
 - Ducting between CREFs & main HVAC fans were at a negative pressure. The ducting is believed to be leak tight.
- Control room air inleakage verification will be accomplished through tracer gas testing of the control room envelope
 - Testing is scheduled for September 1-8
 - Final report receipt expected on October 15

X/Q Determination

Resolution Strategy

- Implementing guidance contained in NRC draft notes regarding use of ARCON96 in CR X/Q calculations
 - Recalculated vent release as ground release
 - Additional ARCON96 restrictions cause up to a factor of 4 increase in values presented previously
- Evaluation of suitability of Murphy-Campe vs. ARCON96 X/Q values is underway

Secondary Containment Mixing

Resolution Strategy

■ Adequacy of Justification for 40% Mixing Assumption

- The basis for the 40% secondary containment mixing assumed in the current analysis is under internal review

Use of Alternative Source Term

Pathforward

■ Approach

- Combine MSLC Deletion Project and Standby Gas and Secondary Containment Submittal dose analysis efforts

■ Advantages

- Safety significance of requested changes is low when using physically-based source term methodology (Alternative Source Term)
- Reduces overall resource and impact for both the utility and the staff, with only a minor schedule impact of approximately 3 months

Use of Alternative Source Term (cont.)

Pathforward

- Change in methodology - use of RADTRAD expected
- Suppression Pool pH monitor modification and pool pH evaluation may be required
- There is a potential for benchmarking our plant specific source term against the generic source term, if BWROG/AST report is available

Risks & Uncertainties

Pathforward

- Energy Northwest will be proceeding at some risk
 - NRC guidance is a draft document only
 - NEI/NRC Resolution is not complete, and other issues may arise

Schedule Task Breakdown

■ Complete Input Data

- Revision of drawdown analyses
- Source term selection
- Complete Design Requirement Documents
- Containment Cable Inventory

Task Breakdown

■ Review/approve AST Calcs

- LOCA and benchmark analysis
- Other analyses as required (FHA,CRDA,etc.)

Task Breakdown

- Revise Related Energy Northwest Calculations
 - Existing Dose Calculations
 - Tech Memos

Task Breakdown

■ Complete Licensing Submittal

- Draft/review LDCN and Tech Spec submittal
- Conduct Design Review Board
- Plant Operations Committee Approval
- Corporate Nuclear Safety Review Board Approval

Conclusions

- Issue is complex
- Timely resolution is desired
 - We have changed our strategy for dealing with this issue in response to NRC concerns
- Detailed, realistic schedule prepared
 - Based on our current understanding of outstanding issues
- Ongoing NRC / NEI Activities May Impact Final Resolution
 - We will stay informed of any developing industry issues, and communicate any potential impacts