

U.S. NUCLEAR REGULATORY COMMISSION

Special Inspection Team Exit Meeting

Bottom Mounted Instrumentation Leakage Issue

South Texas Project Unit 1

July 28, 2003

Agenda

P Purpose of Meeting and Introductory Remarks

P Introduction of NRC Personnel

P Introduction of STPNOC Personnel

P STPNOC Presentation

P NRC Exit Presentation

P Concluding Remarks

P Public Comment

NRC Special Inspection Team

Chartered to Review STP Unit 1 BMI Leakage Issue

P Russ Bywater, Senior Reactor Analyst, Region IV, Team Leader

P Neil O'keefe, Senior Reactor Inspector, Region IV

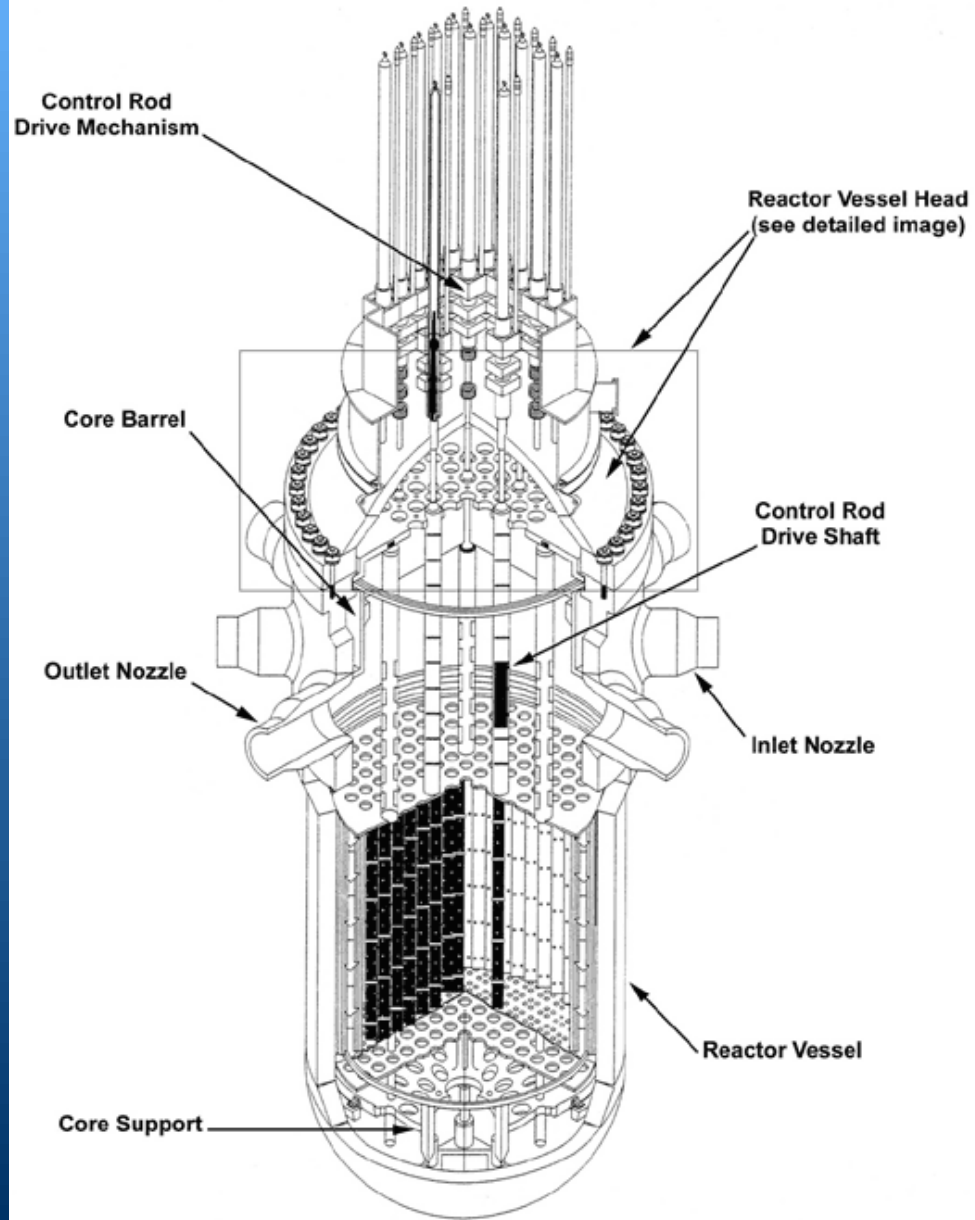
P Wayne Sifre, Reactor Inspector, Region IV

P Matthew Mitchell, Senior Materials Engineer, NRR

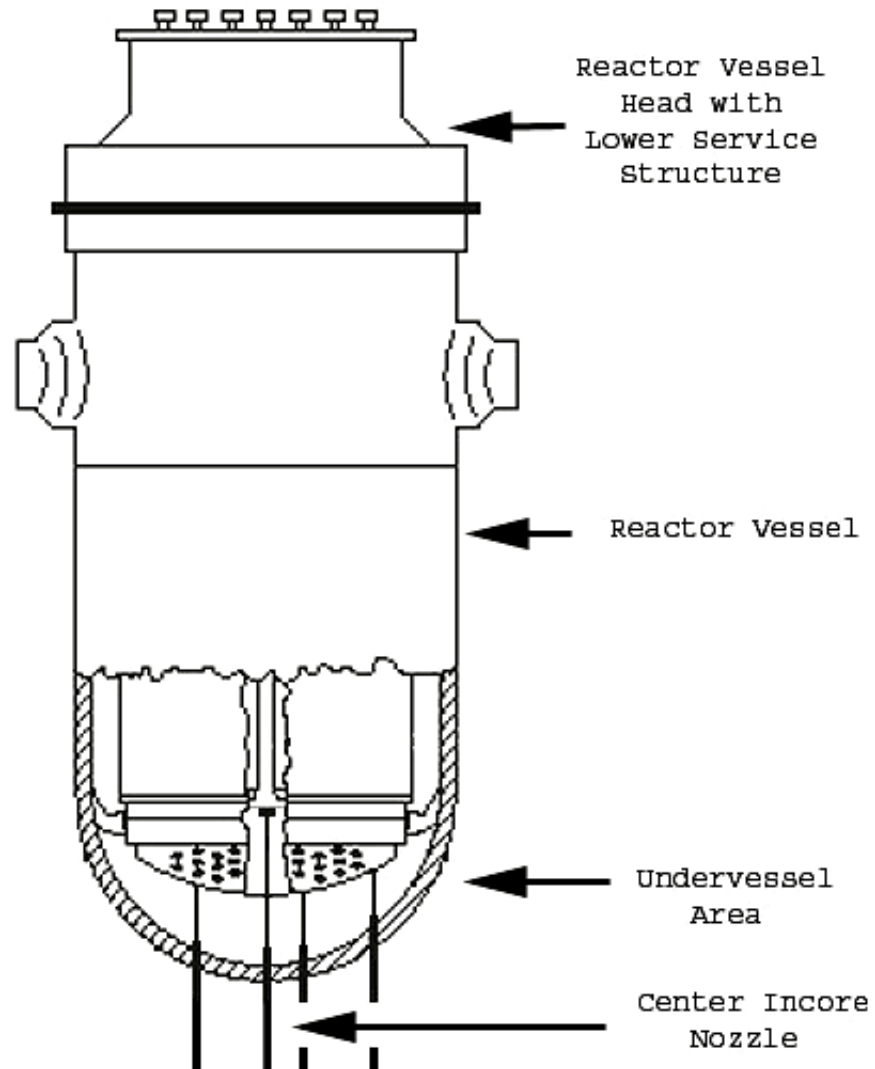
P Mike Runyan, Senior Reactor Analyst, Region IV

P Dr. Steve Doctor, Pacific Northwest National Laboratory

Typical Pressurized Water Reactor



Typical Babcock and Wilcox Reactor Vessel



Description of Issue and Chronology

- P NRC Generic Letter 88-05
- P NRC Bulletin 2001-01
- P NRC Bulletin 2002-01
- P STP Identification of BMI Leakage

Adequacy of Corrective Actions

P Examination Campaign

P Development and Implementation of Repairs

P Examination of Removed Samples

P Evaluation of Potential Root Causes

P Implementation of Continued Monitoring Program

Safety Significance of Issue

P Regulatory Requirements

P Assumptions Used in Analysis

P Preliminary Significance Determination

Acceptability of STP-1 Operation

P Examination Results

P BMI Nozzle Repair

P Continued Monitoring Program

Concluding Remarks

P STPNOC Response

P Public Comments

P NRC Concluding Comments

P For More Information:

[WWW.nrc.gov/reactors/operating/ops-experience/bottom-head-penetration-leakage.html](http://www.nrc.gov/reactors/operating/ops-experience/bottom-head-penetration-leakage.html)