Fiscal Year 2011 Budget Workshop

ENERGY NORTHWEST

Main Steam Isolation Valve Logic Change

Reactor Pressure Vessel Water Level 2 to Level 1

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Project Scope

- What is the Purpose of the Main Steam Isolation Valves?
- Why is this Change Needed?
- NRC Approval of the Change has already been Obtained

Overview of Change

- Replace Existing Differential Pressure (dP) Switches
- Route 2000 Feet of New Cable from the Reactor Building to the Main Control Room
- New Instrumentation and Relays in the Main Control Room and Simulator

Industry Perspective

- In 1981 General Electric Recommended BWR 4 and BWR 5 Type Plants make this Change
- Columbia is one of the Last BWR's in the United States to make this Change
- This Modification will Reduce the Risk for Complicated Scrams

Budget – Fiscal Year 2011 Implementation

- Energy Northwest Labor = $82.5K
- Non-Energy Northwest Labor = $1.9M
- Pre-Outage: Cable Routing and Related Scaffolding is the Largest Scope Component
- R-20 Outage: Cable Routing into the Control Room, Install Instrumentation and Alarms in the Control Room and Simulator

Status

- Design Change is Progressing Scheduled for Design Review Board in April 2010
- New Spare Cable will be Routed for other Technical Specification Instrument Modifications are already Included in the Current Budget
- New Technical Specification Amendment for the Master Trip Unit Channel Check. Submittal scheduled for April 1, 2010