

## **New Nuclear Scoping Document**

### **1. History of Energy Northwest**

- a. All should read/review Gary Miller's book on Energy Northwest by 4/30/08
- b. Roger Sparks presented a historical review of the decision makers and basis for decision of the 70's and 80's to build five nuclear plants. Completed on 4/2/08
- c. Tom Casey and Jim Lazar will be invited to a future meeting to hear from them about any lessons learned they would suggest from the past.
- d. Al Mouncer presented at the 4/2 meeting a summary of the JOA formation, the formation of the Executive Board, I-934 summary and briefly about taxable and non-taxable financing. He agreed to summarize this in written form and send it to the advisory committee.

### **2. Nuclear Trends in the US**

- a. We have had several presentations to the Executive Board and Board of Directors from the current suppliers. These presentations will be assembled and given to the advisory board at the 4/30 meeting
- b. The committee is interested in hearing about smaller modular reactors. Summaries will be found and given to the advisory board at the 4/30 meeting
- c. The committee would like to get a copy of the NEI document Reasoned Expectations mailed to them before the 4/30 meeting.
- d. The committee would like a future presentation as to what Santee Cooper and TVA is doing with respect to new nuclear for their utilities.
- e. The committee would like information as to what is happening internationally with respect to new nuclear in the future.

### **3. Regional Load Forecast**

- a. The committee will review the latest and revisions to the NWPCC forecast.
- b. The committee will review the latest and revisions to the BPA White Book.
- c. The committee will review any IRP reports that they can obtain from regional public and private utilities.
- d. The committee would like to have a presentation from BPA regarding their thoughts and plans for Tier 2 resources. Which resources and estimated costs.
- e. The committee would like to have a discussion as to are there any disruptive technologies which could impact the need for base loaded nuclear plants.
- f. The committee would like to better understand the relationship between the bio-op opinion that could impact hydro and new nuclear.

#### **4. Benefits of New Nuclear**

- a. Impact of carbon tax on new nuclear decision.
- b. Advantages of a base load resource.
- c. Positive impact it could have on national and regions climate goals.
- d. Nuclear has a long history and is a proven technology.
- e. Nuclear has an attractive fuel costs compared to other thermal plants.
- f. Nuclear has the potential to displace other power plants that have more of an impact on the environment.

#### **5. Barriers to New Nuclear**

- a. The real and perceived issues associated with waste.
- b. The public perception with respect to safety, cost and terrorism.
- c. Need additional research and development of fuel recycling.
- d. Need to investigate emerging technology development in nuclear. PNNL might be able to share some insight.
- e. EN/WPPSS reputation.
- f. Material and labor availability for new nuclear
- g. I-934

#### **6. Path Going Forward**

- a. Educate the Public
- b. Measure public interest in pursuing new nuclear
- c. Need to understand the current feelings that regional leaders have towards new nuclear.
- d. Need to understand the position that national and regional and local environmental communities might have towards new nuclear.