

Logan, Dennis

From: Eccleston, Charles
Sent: Tuesday, March 16, 2010 9:50 AM
To: Bacuta, George; Beissel, Dennis; Bulavinetz, Richard; Imboden, Andy; Klementowicz, Stephen; Logan, Dennis; Rikhoff, Jeffrey; Travers, Allison; Pham, Bo; Eccleston, Charles
Cc: Stuyvenberg, Andrew
Subject: Draft Outline of alternatives for Salem/Hope SEIS
Attachments: Draft Outline for Salem-Hope Alternatives Section (6) (my changes).doc

IDT,

Attached is the draft list of alternatives for the Salem/Hope Creek SEIS. Please provide any comments by Friday 19th.

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Draft Outline of Alternatives – Section 8

Salem/Hope Creek SEIS

8.0 Introductory material

8.1 Alternative Energy Sources

8.1.1 Super-Critical Coal-Fired Generation

- Full discussion of Super-Critical Coal-Fired Generation
- Brief intro. (few paragraphs) to potential for Ultra-Super Critical Generation
- Retire both Salem and Hope Creek
- Full resource breakdowns

8.1.2 Natural Gas Combined Cycle

- Full discussion of Natural Gas Combined Cycle
- Brief intro. (few paragraphs) to potential Integrated Gasification Combined Cycle Generation
- Retire both Salem and Hope Creek
- Full resource breakdowns

8.1.3 Combination Alternative 1

- Retire both Salem and Hope Creek, replace with combination of:
conservation, renewable, and natural gas
- Full resource breakdowns

8.1.4 Combination Alternative 2

- Re-license Hope Creek
- Retire Salem, replace with combination of conservation, renewable, and natural gas
- Full resource breakdowns

8.2 Alternatives Considered but Dismissed

- 8.2.1 Offsite Coal and Gas
- 8.2.2 New Nuclear
- 8.2.3 Conservation/Efficiency
- 8.2.4 Purchase
- 8.2.5 Solar
- 8.2.6 Wood
- 8.2.7 Wind (onshore/offshore)
- 8.2.8 Hydroelectric
- 8.2.9 Wave/Ocean
- 8.2.10 Geothermal
- 8.2.11 MSW
- 8.2.12 Biofuels
- 8.2.13 Oil
- 8.2.14 Fuel Cell
- 8.2.15 Delayed Retirement

8.3 No Action

- 8.3.1 Deny Re-License for Salem and Hope Creek

Mitigation Alternative (Chapter 4 under Aquatic impacts)

Cooling System Technology

- Description
- Aquatic and Terrestrial Ecology