



Stakeholder Panel on New Plants

Commission Briefing
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Exelon is considering the PBMR

- Modular design based on proven technology
- Minority investor (12.5%)
- BNFL/Westinghouse, Eskom & IDC
- Exelon is a potential early customer
- Board decisions in December 2001
 - Demonstration unit in RSA
 - USA license application ESP/COL
- View PBMR as merchant nuclear power

NRC response to date

- Identification of Points of Contact for PBMR
 - Project managers in RES & NRR
 - support evident from NMSS & OGC
- Creation of FLO
- Funding from DOE
- Monthly meetings established for key legal, economic, and technical issues

- Appropriate and Adequate

Pre-application Period

- Mutually beneficial
- Recurring Issue:
Where's the final design for us to review?
vs.
What criteria will be sufficient to license a gas-cooled reactor in the USA?
- Staff recommendations and Commission Policies expected to support basis for licensing the PBMR – we are engaging on the current regulations
- Exemptions as required

Certainty and timeliness valued

- Determine the economics of this design
 - Part 52 ESP/COL, Price Anderson, Antitrust, Decommissioning funds, one license for multiple modules, annual fees
- Influence the design so it will be licensable
 - Fuel Performance, Source Term, Containment, ITAAC/Confirmatory testing, SSC Classification, Staffing, Materials
- Expectation at end of Pre-application Period 9/'02
 - Commission positions known, Commission process established to support application

Schedule

- Exelon values its hard-earned reputation as the premier operator of nuclear plants and will only operate safe plant designs
- PBMR and Exelon desire to determine as quickly as possible if this technology is economically feasible in the US – license, build, operate & decommission