



## Stakeholder Panel on New Plants

Commission Briefing  
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PBMR  
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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

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## 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

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## 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

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## 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

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## 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

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