

Status of Preparations to Pilot ISG-6: Licensing Process

2/1/2011

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BACKGROUND

- **Public meetings with Staff March and November 2006**
 - **Platform diversity questions**
 - **Risk of Common Cause Failure (CCF)**
- **Licensing process did not allow Staff to provide formal feedback without LAR submittal by licensee**
- **High project risk without Staff acceptance of concept prior to LAR submittal**

Background, Cont.

- **ISG-6 Enabled Phase 0 Meetings**
 - **Venue to help reduce risk**
 - **Discuss Staff opinions and recommendations**
 - **Formal meeting minutes**
 - **Excellent staff support to date**
- **Diversity and Defense-in-Depth Evaluation submitted 4/9/2010; revised August, 2010**

The Present

- **Diversity and Defense-in-Depth Topical Report approval pending**
- **Application development proceeding**
 - **Design Documentation issued**
 - **Vendor Contracts awarded**
- **ISG-6 Revision 1 approved on 1/19/2011**
- **Next Phase 0 Meeting 2/3/2011**

The Path Forward

- **Complete LAR and ISG-6 Phase 1 documentation**
 - **Submit Summer 2011**
- **Vendor Topical Report approval**
- **Complete and submit ISG-6 Phase 2 documentation 2012**
- **SER Approval 2013**
- **Installation 2014**

Challenges for PG&E

- **Schedule**
 - **D3 Topical Report approval**
 - **Vendor Topical Report approval**
 - **ISG-6 process for pilot plant**
- **ISG-06**
 - **Minimum required detail**
 - **Licensing stability**
- **Budget**
 - **Competing projects**
- **Resources**
 - **Continuity and availability**

Conclusion

- **PG&E will communicate pilot plant experience to the Staff and industry**
- **Support improvements to the ISG-6 guidance**
- **Goal is a more predicable and stable licensing experience for future licensees**

Acronyms

- **I&C – Instrumentation and Controls**
- **ISG-06 – Digital I&C Interim Staff Guidance: Licensing Process**
- **LAR – License Amendment Request**
- **PG&E – Pacific Gas & Electric Co.**
- **SER – Safety Evaluation Report**