



**RIC 2011
Status and Path Forward on the
Management of Gas
Accumulation in Safety- System Piping**

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1



Agenda

- **Generic Letter 2008-01**
- **Temporary Instruction 2515/177**
- **Nuclear Energy Institute 09-10 Revision 1**
- **Outstanding Issues**

2



Generic Letter (GL) 2008-01

- **GL 2008-01 requested information related to gas management and accumulation in selected systems that are important to safety**
- **All Requests for Additional Information (RAIs) have been issued**
- **All closure memos and inspection guidance are scheduled to be complete by April 30th 2011**
- **Closure of GL 2008-01 expected by end of June 2011, but is not closure of gas management and accumulation issue**

3



Temporary Instruction (TI) 2515/177

- TI 2515/177 was issued to provide guidance for inspections of licensee GL 2008-01 responses and follow-up actions
- Many inspections have taken place
- Open issues involving GOTHIC
 - Possible Regulatory Information Summary (RIS) on use of computer codes for 2 component, 2 phase flow
- Inspections to be completed by December 31, 2012

4



NEI 09-10 Rev. 1

- First Draft of NRC Safety Evaluation is complete
 - Several attachments will address the incorporated references
 - Several conditions and limitations will be addressed
 - Slug flow, monitoring and trending flow chart, etc.
 - A Regulatory Guide was also considered as a way to endorse NEI 09-10 Rev. 1
- RIS to announce endorsement planned
 - Will be published for public comment
 - A RIS is necessary to announce the endorsement of an industry document

5



Outstanding Issues

- Standard Technical Specifications
 - Include a SR with flexible intervals
 - Current TSTF Traveler 523 is inconsistent with NRC position
- Vortexing
 - Possible Regulatory Guide

6



Conclusions

- GL 2008-01 will be closed in June due to the excellent cooperation of the industry with NRC
- A comprehensive Gas Management Guidance document should be available within a year
- Better cooperation is needed to resolve the Standard Technical Specification issue quickly
