



U.S. NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

Piping Systems Design Acceptance Criteria

Inspection Procedure Status

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Overview

- **Two ITAAC IPs for Piping DAC**
 - IP 65001.20 for Piping Design
(issued June 2011)
 - IP 65001.21 for Pipe Rupture Hazards
Analysis (in processing for issuance)



Focus

- **Procedures are geared toward sampled inspection of piping design specs, design/stress reports and PRHA reports**
- **Optimized efficiency for addressing design packages that are expected in design submittal phased approach**



PRHA Procedure

- **PRHA Report**
 - **Spaces important to safety addressed**
 - **Methodology for postulated pipe breaks followed**
 - **Methodology for dynamic/environmental effects followed**
 - **Protection of potential SSC targets**
 - **As-built verification**



DAC inspection is ITAAC inspection

Approach:

- Technical staff in an inspection role**
- Inspection results documented and archived**
- Results to support subsequent ITAAC closure**

Discussion