



**Industry Comments on NRC
Program Plan**

Hemyc Users Group
October, 2002




Topics

- Introduction
- Comments on Hemyc/MT tests
- Comments on Rockbestos Firezone R tests




Introduction

- NRC identified issue with Hemyc/MT fire barrier material in July 2000
 - Concern with qualification tests
- Industry provided in letter April 2001 a summary of industry information related to
 - Testing protocols used
 - Tests conducted
 - Plant applications
 - Plant licensing basis




Introduction

- NRC decided to test this material
- Industry appreciates the opportunity to comment on the test plan




Areas for Comment - Hemyc

- Licensing basis
- Merits of ANI testing methods and acceptance criteria
- Evaluation of test results
- Construction/test plan comments



Areas for Comment - Hemyc

- Licensing basis
 - Installed Hemyc configurations accepted by NRC
 - GL 86-10 Supplement 1 intended for "future installations"
 - Regulatory Guide 1.189 guidance not applicable unless committed to by licensees



Areas for Comment - Hemyc

- Merits of ANI testing methods and acceptance criteria
 - Replicate intent of original ANI test
 - Cable fill
 - ◆ Fire test with cable in test configuration (e.g., test air drops with cable)
 - Circuit continuity
 - ◆ Functionality is a method of demonstrating acceptance



Areas for Comment - Hemyc

- Evaluation of test results
 - Provide guidance on applying test results to configurations not tested
 - ◆ Include mathematical model to support this guidance
 - ◆ Guidance will assist inspectors and licensees in addressing configurations not tested



Areas for Comment - Hemyc

- Construction/test plan comments
 - Allow industry comment on detailed construction/test plan
 - Allow industry observance of assembly and testing
 - Detailed comments to be submitted



**Areas for Comment –
Rockbestos Cable**

- Need to
 - State specific construction of cable
 - Assure test configurations representative of plant use
 - State applicability of 3-hour test to 1-hour applications in plants
 - State acceptance criteria

“ **NEI**

**NRC Consideration of Industry
Comments**

- These comments represent high level comments
- Detailed comments to be submitted by November 7
- Request feedback on testing plans/schedule

“ **NEI**
