

# **RIC 2003**

## **Operating Experience Assessments, Session T9**

**Opportunity to Improve Operating Experience Program Effectiveness**

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**INPO**

**“There must be a systematic gathering, review, and analysis of operating experience at all nuclear power plants ... coupled with an industry-wide international communications network to facilitate the speedy flow of this information to affected parties. If such experiences indicate the need for modifications in design and operation, such changes should be implemented according to realistic deadlines.”**

**Kemeny Commission**

**October 1979**

# INPO Significance Criteria

- **Qualitative Criteria Based on Principles of Excellence**
  - **Actual or Potential to affect:**
    - ✓ **Nuclear Safety - SOER 02-4, “Reactor Pressure Vessel Head Degradation at Davis-Besse Nuclear Power Station”**
    - ✓ **Nuclear Reliability - SOER 02-3, “Large Power Transformer Reliability”**
    - ✓ **Radiation Safety - SOER 01-1, “Unplanned Radiation Exposure” (WANO Conversion)**
    - ✓ **Industrial Safety - SER 2-98, “Recurring Electrical Shock Events”**

# Current Events Analysis Products

- Significant Operating Experience Reports (SOERs)
- Significant Event Reports (SERs)
- Significant Event Notifications (SENs)
- Just-in-Time Briefings

# 2002 Industry Event Screening

2,343 Documents Received



1,770 Events

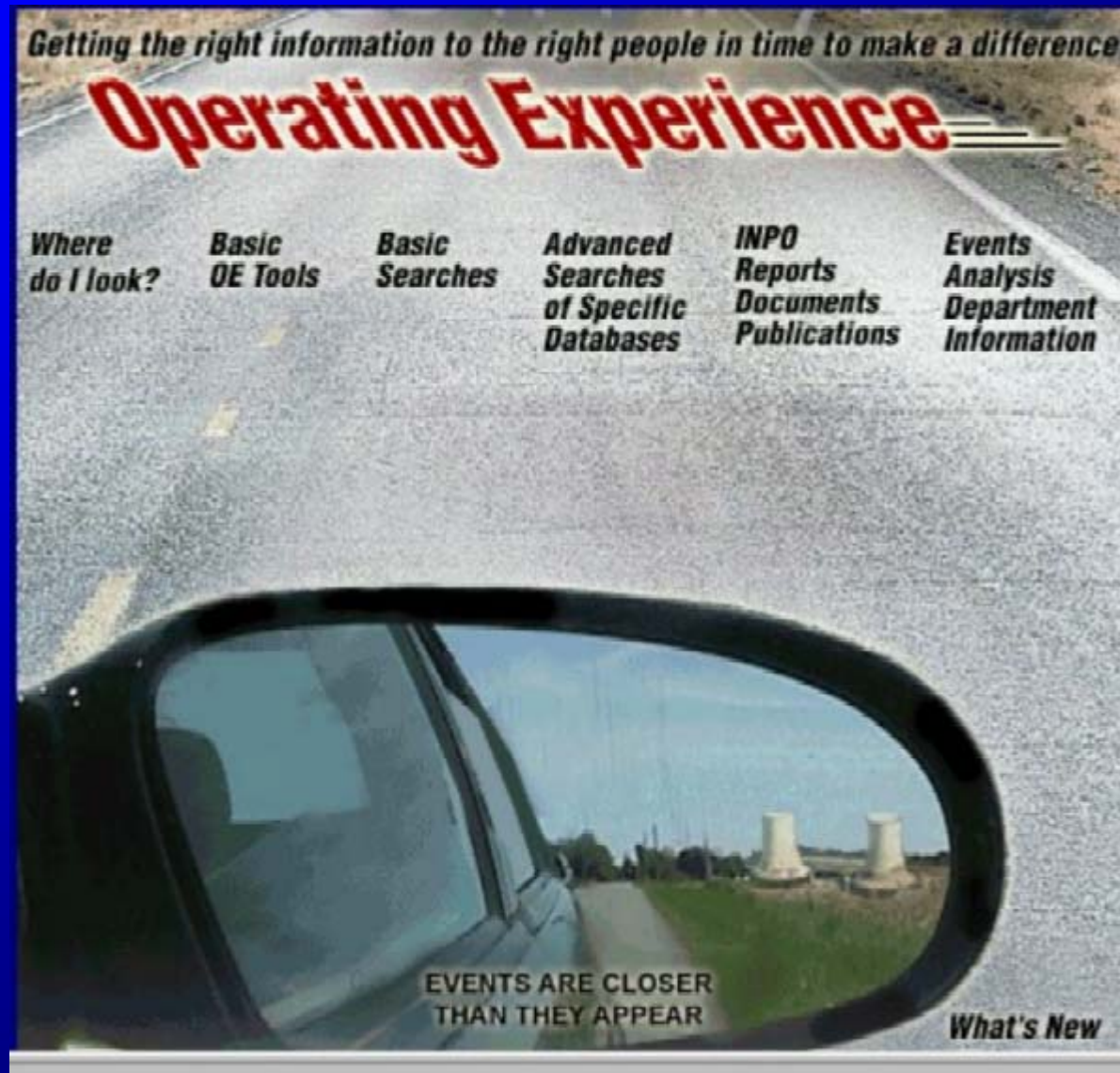


11 Industry Significant Events



5 SENs  
5 SERs  
3 SOERs

# INPO Operating Experience Web Page Averages About 10,000 Hits per Month



Getting the right information to the right people in time to make a difference

## Operating Experience

<b>Where do I look?</b>	<b>Basic OE Tools</b>	<b>Basic Searches</b>	<b>Advanced Searches of Specific Databases</b>	<b>INPO Reports Documents Publications</b>	<b>Events Analysis Department Information</b>
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EVENTS ARE CLOSER  
THAN THEY APPEAR

*What's New*

The banner features a background image of a road with a side-view mirror in the foreground. The mirror reflects a landscape with two large cooling towers in the distance. The text is overlaid on the image in various colors and fonts, including red for the main title and black for the navigation menu and footer.

# Looking to the Future

- **New Event Analysis Products**
  - **Analysis Reports**
    - ✓ **Analysis of Significant Events**
    - ✓ **Analysis of Events Involving Nonstation Personnel**
  - **Topical Reports**
    - ✓ **Analysis of Long-Term Shutdowns**

# Looking to the Future

- **Improve INPO's analysis capabilities**
  - **Better use of information about a specific plant**
  - **More predictive to identify trends and emerging issues**
  - **State-of-art software technology**
    - ✓ **FLASH**
    - ✓ **SAS**
    - ✓ **Living OE**



# Looking to the Future

- **Improve INPO's evaluation of operating experience**
  - **Dedicated analysis teams**
  - **Expanded scope of operating experience evaluation**

# The Vision

*“Get the right information  
to the right people in time  
to make a difference.”*