



**Institute of Nuclear Power Operations**

# **INPO Engagement in Operator Training**

**Rusty Shoemaker**

**Manager, Accreditation**

**INPO**

# INPO Activities with Operator Training

- National Academy for Nuclear Training
- Accreditation Process
- INPO Plant Evaluations & WANO Peer Reviews
- Continuous Monitoring Activities
- Training and Accreditation Assistance
- NRC Staff Oversight
- INPO Improvement Initiative

# National Academy for Nuclear Training

- Three constituents
  - INPO
  - Utility Accredited Training Institutions
  - Independent National Nuclear Accrediting Board (NNAB)
- Set the Standards of Excellence for Conduct of High Quality Operator Training
- Establish the Objectives and Criteria for Establishing and Maintaining Accreditation

# Accreditation Process

- Utility Accreditation Self-Assessment
- INPO Accreditation Team Visit (ATV)
- National Nuclear Accrediting Board Meeting with Station Management Team to Review Overall Conclusions
  - Initial Accreditation
  - Renew Accreditation
  - Place Training Program(s) on Probation (6 months)
  - Withdraw Accreditation
- Conducted Every 6 years

# INPO Plant Evaluations & WANO Peer Reviews

- Training Evaluators Participate with Each Trip
  - Evaluate Use of Training to Improve Worker Performance
  - Accredited and Non-Accredited Training Included
- Simulator Crew Performance Evaluation
  - Focus on Operator Fundamentals
  - Abnormal and Emergency Procedure Response
  - Conducted by Operations Evaluator and Peers
- Conducted Every 2 Years

# Continuous Monitoring & Assistance

- Performance Monitoring Between Evaluative Activity Trips (Evaluations & ATVs)
- Periodic Review with Senior Station Managers
- Graded Approach to Providing Assistance to Resolve Identified Issues
- Common Industry Issues and Trends Result in Developing an Operating Experience Document
  - Industry Event Report

# NRC Staff Oversight

- Staff Observation of Training and Accreditation Activities
  - Periodic Observers on ATVs
  - Periodic Observers on Evaluations
  - NRC Nominated Members of the National Nuclear Accrediting Board
  - NRC Observers at Accrediting Board Meetings
  - Annual INPO / NRC Meeting

# Operator Fundamental Action Plan

- INPO Industry Improvement Initiative
- Overall Cyclic Performance
- INPO and Industry Working Group Formed to Collaborate / Analyze Performance
- Focus on Operator Fundamentals
- Includes Reviewing Operator Training Effectiveness with Emphasis on Sustaining Performance Improvements
- Last Operations Training Probation – September 2013 Renewed