RIC 2006
Session T2E
Use of Operating Experience

Use and Application of Current Operating Experience

Vincent R. Coulehan

Manager Operating Experience
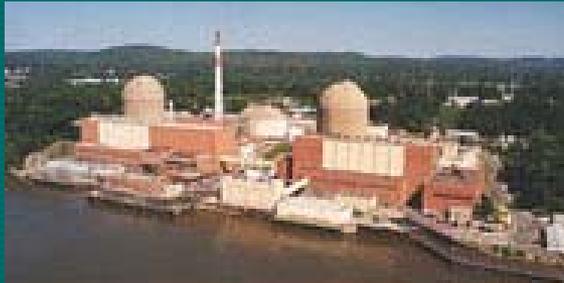
Entergy Nuclear Northeast

March 7, 2006

Entergy

Arkansas Nuclear One

James A FitzPatrick

Grand Gulf

Indian Point

Vermont Yankee

Pilgrim

Cooper

Waterford 3

River Bend

OE Mission at Entergy

- The Mission of the Entergy OE Program is to improve station performance by the internalization and use of operating experience information/lessons learned

Entergy

Stakeholders

- Senior Plant Management
- Plant Supervisors
- Craft and Technical Workers

Entergy

Expectations
Use of Operating Experience

The use of Operating Experience begins with the expectations from the highest levels of Entergy Management

Entergy

OE Lessons Incorporated into Actual work – A Success

- IPEC: ALARA Savings
  - Exposure Reduction – Resin Transfer
    - Dose savings: 0.500 Rem -> 0.050 Rem

- Pilgrim: Plant Reliability
  - Prompt actions to remove a Unit Aux Transformer from service prior to failure
    - Lessons from prior industry events

OE Lessons Incorporated into Actual work – A Success

- ANO: Safety Initiative:
  – Prior to ANO Unit 1 steam generator replacement outage, an event at another station occurred with the same type of lifting device that ANO was using to move the steam generators. The event involved some hydraulic hoses to the wedge assemblies reversed during installation **because the hoses had no identifying marks**. This led to all the lifting strand wires falling out of the strand jack and landing on the reactor cavity deck approximately 100 feet below

Sharing & Learning From OE

- Waterford 3
  - Katrina Lessons from Hurricane Andrew allowed the response teams to develop a systematic and complete check list to allow the safe restart of WF3
    - Plant Re-Start OE Usage

    - Emergency Planning Actions Lessons Learned from 2004 and Andrew

OE in Closing

Operating Experience is vital in:

- – Improving Personnel Safety

- – Reducing Human Performance Errors

- – Improving Plant Performance

- – Allows our workers to perform a job/task better

- – Capturing information for future workers preventing us from making the same mistakes