NRC FORM 658
(9-1999)

U.S. NUCLEAR REGULATORY COMMISSION

TRANSMITTAL OF MEETING HANDOUT MATERIALS FOR IMMEDIATE PLACEMENT IN THE PUBLIC DOMAIN

This form is to be filled out (typed or hand-printed) by the person who announced the meeting (i.e., the person who issued the meeting notice). The completed form, and the attached copy of meeting handout materials, will be sent to the Document Control Desk on the same day of the meeting; under no circumstances will this be done later than the working day after the meeting.
Do not include proprietary materials.

DATE OF MEETING
03/28/2002

The attached document(s), which was/were handed out in this meeting, is/are to be placed in the public domain as soon as possible. The minutes of the meeting will be issued in the near future. Following are administrative details regarding this meeting:

Docket Number(s)	**05000293**
Plant/Facility Name	**Pilgrim Nuclear Power Station**
TAC Number(s) (if available)	
Reference Meeting Notice	**02-015**
Purpose of Meeting (copy from meeting notice)	**Management meeting with Entergy to discuss the results of the NRC's assessment of the safety performance at Pilgrim station for 4/1 - 12/31/01.**

NAME OF PERSON WHO ISSUED MEETING NOTICE	TITLE
Clifford J. Anderson	**Chief**

OFFICE
Region I

DIVISION
Division of Reactor Projects

BRANCH
Projects Branch 5

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Docket File/Central File
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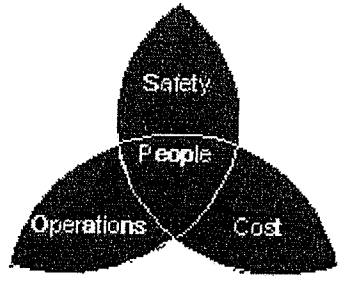
Entergy

Pilgrim Nuclear Power Station

Annual Assessment Meeting
March 28, 2002

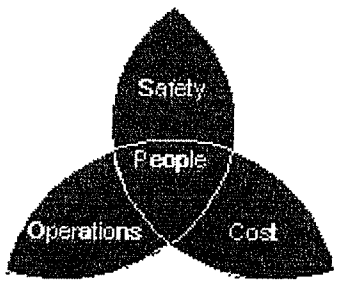


Agenda

- 2001 Accomplishments
- Plant Focus Areas
  - Work Management
  - Equipment Reliability
  - Human Performance
- Specific Topics
  - Security
  - Reactor Water Level Indication

2001 Accomplishments

Entergy

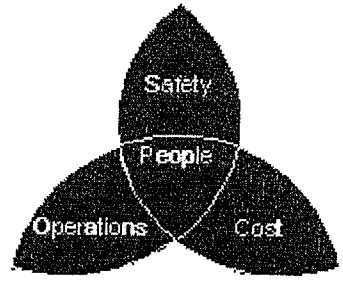


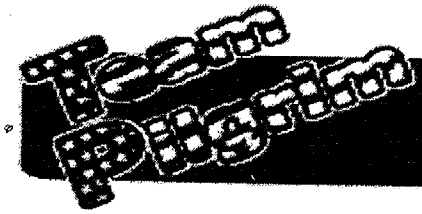
Accomplishments

- **Occupational Radiation Dose**
- **Plant Performance Index**
- **Industrial Safety**
- **Reactor Water Chemistry**
- **Refueling Outage**

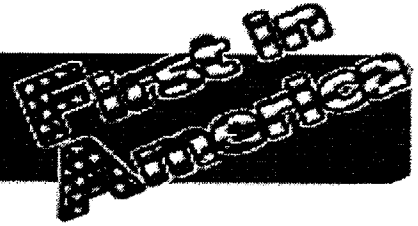
Work Management

Entergy





Work Management



Focus Area Goal

- Improve plant safety by improving equipment reliability
- Improve plant material condition
- Improve the timeliness of maintenance
- Raise standards for plant material condition

Actions Taken

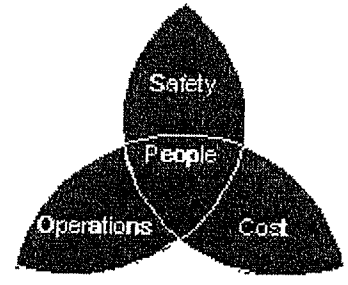
- Developed Excellence Plan
- Increased staffing
- Implemented process changes
- Developed targets (goals)

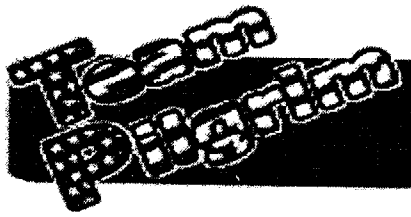
Status/Plans

- All NRC Indicators in the "Green" band
- Improving safety system performance
  - High Pressure Coolant Injection
  - Reactor Core Isolation Cooling
  - Residual Heat Removal
  - Emergency AC Power

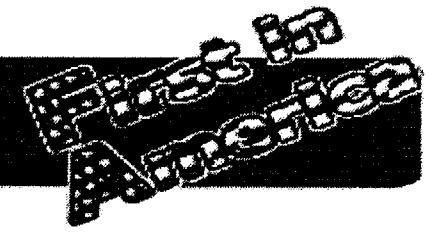
Equipment Reliability

Entergy





Equipment Reliability

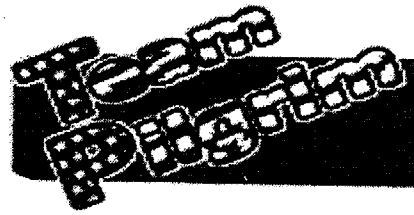


Focus Area Goal

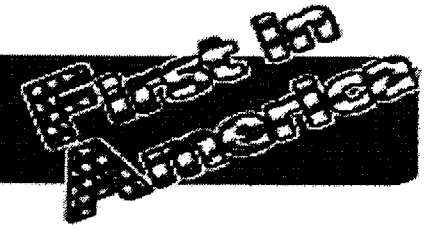
- Improve plant safety by improving equipment reliability
- Improve Preventive and Predictive Maintenance
- Reduce Operation and Maintenance costs

Actions Taken

- Developed Excellence Plan
- Formed equipment reliability group
- Performed System Health Reviews
- Implemented Equipment Reliability Process
- Implemented Preventive Maintenance feedback



Equipment Reliability

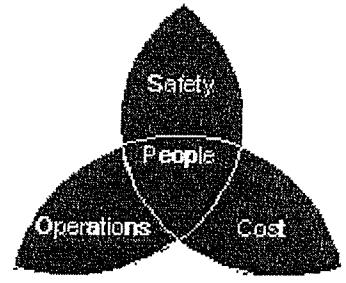


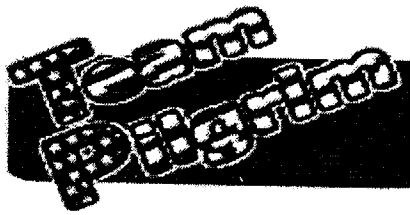
Status/Plans

- Improved performance in several systems
- Develop additional equipment reliability guidance
- Improve critical component identification
- Optimize Preventive Maintenance for critical components

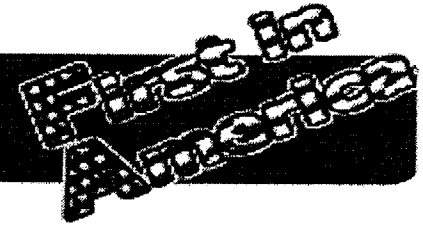
Human Performance

Entergy



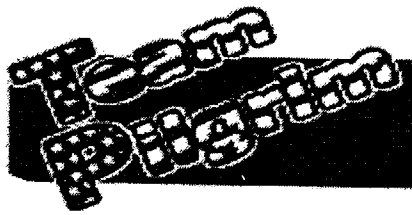


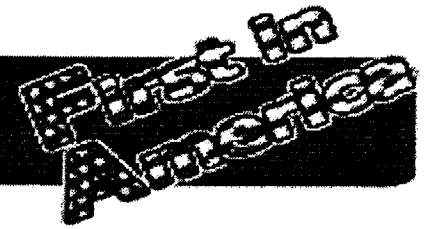
Human Performance



Focus Area Goal

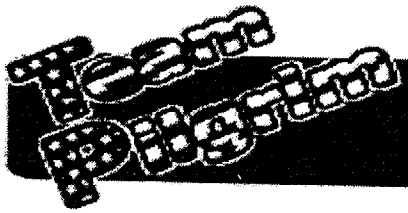
- **Improve plant safety by improving human performance**
- **Enhance the culture to recognize that people make mistakes and put in place barriers to:**
  - **Reduce Human Errors**
  - **Prevent Events**



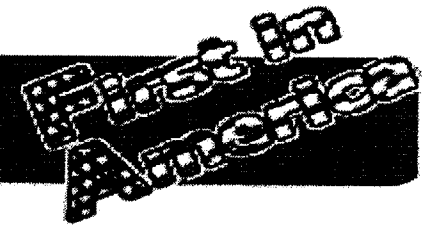


Actions Taken

- Developed Excellence Plan
- Developed human performance training for all station personnel
- Implemented coaching process
- Implemented fact-finding for all human performance errors
- Utilizing a blame free policy for human performance issues



Human Performance

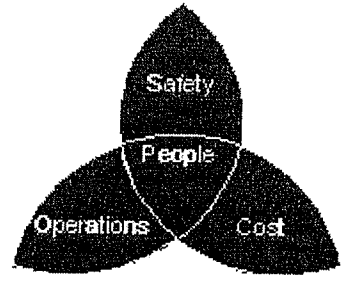


Status/Plans

- Continuing Human Performance Fundamentals Training - >90% complete
- Providing additional tool usage training
- Established coaching goals for management team
- Integrating human performance into all phases of accredited discipline training
- Decreased Station error rate

Security

Entergy

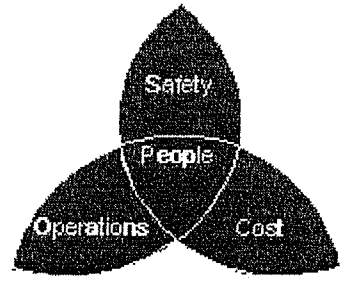


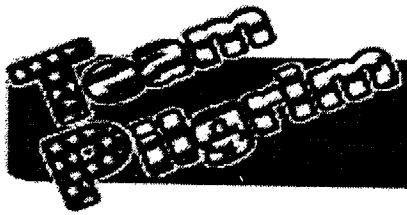
Actions Taken

- Implemented enhanced security procedures
- Enhanced coordination with intelligence and law enforcement agencies
- Re-evaluated security, emergency planning and operating procedures
- Working to implement the new NRC Security Order

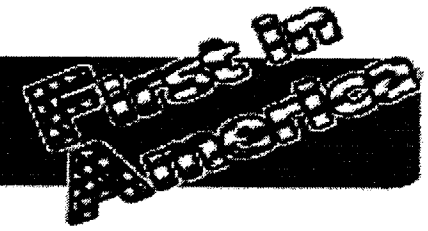
Water Level Indication

Entergy





RWL Indication



Background

- Three events
- Different causes
  - Air Injection
  - Reverse Flow
  - Non-condensable gas

Corrective Actions Taken

- Established review teams
- Implemented procedure changes, design changes, and improved training
- Performed independent review

Issue Resolution

- **Short-term Issue Resolution**

  Established continuous backfill of the "B" reference leg and periodic backfill of the "A" reference leg

- **Long-term Issue Resolution**

  Further plant modifications to address issue