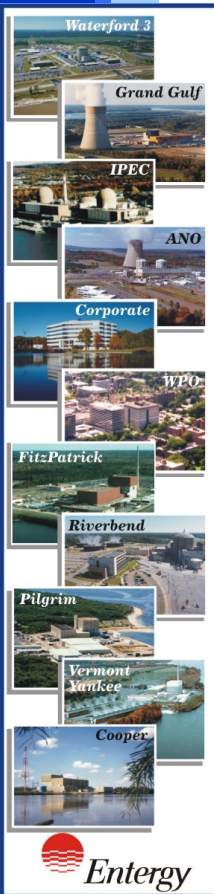


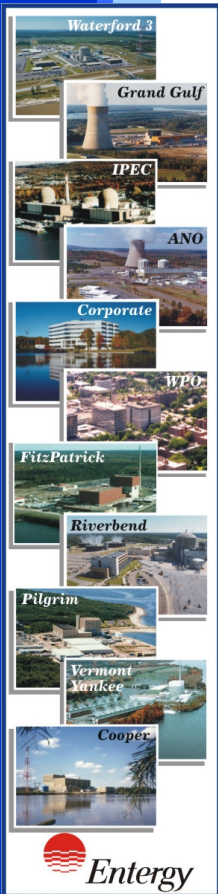
# Entergy Nuclear

Presentation on plans for  
submittal of license renewal application for

## **James A. FitzPatrick Nuclear Power Plant (JAFNPP)**



# ***Discussion Outline***

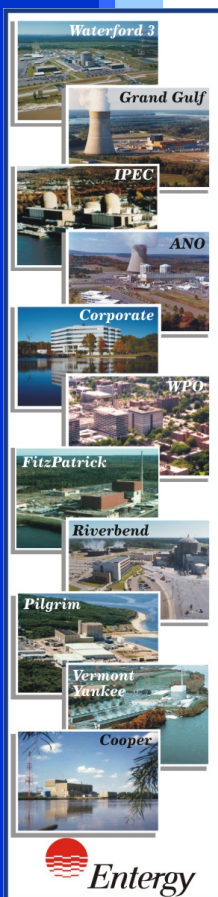


- **Schedule for submittal of James A. FitzPatrick license renewal application (LRA)**
- **Overview of LRA contents and features**
- **Results of comparison to “new” GALL**
- **Lessons learned**

# ***Schedule for Submittal of LRA***

## **James A. FitzPatrick Nuclear Power Plant (JAFNPP)**

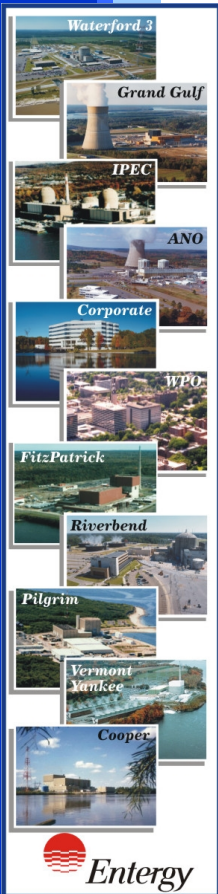
- LRA to be submitted between July 20, 2006 and July 31, 2006
  - Technical Reviews complete
  - Management Reviews in progress
  - OSRC/SRC Reviews in progress
- GE-BWR, Mark I containment, 2536 MWt, current operating license expires October 17, 2014



# Overview of LRA

## General

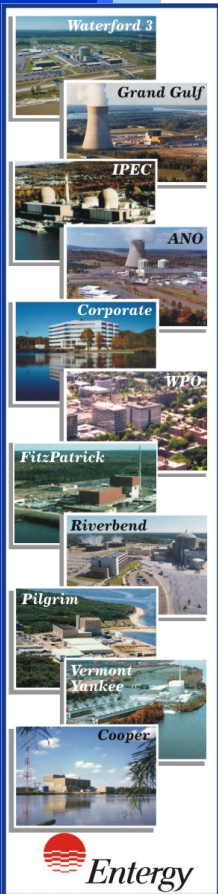
- Format based on NEI 95-10 Rev 6, Regulatory Guide 1.188 Rev. 1 and NUREG-1800 Rev. 1 (Standard Review Plan) – published September 2005
- Aging management review results compared to NUREG-1801 Rev. 1
- Lessons learned from previous Entergy license renewal reviews were utilized in the LRA



# Overview of LRA

## General (continued)

- In LRA preparation, Entergy license renewal team considers experience gained from active participation in NEI and other industry license renewal activities
- Entergy license renewal team factors experience gained from participation in peer reviews of other LRAs into the Entergy LRAs



# Overview of LRA

## Specific

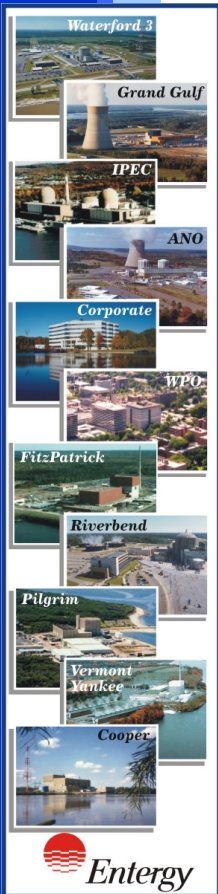
- Entergy license renewal team conducted the integrated plant assessment (IPA), the time-limited aging analysis (TLAA) reviews, and the LRA preparation using the same methods as previous applications
- JAFNPP is a GE-BWR with Mark I containment, similar to PNPS and VYNPS



# Overview of LRAs

## Specific (continued)

- Aging management review (AMR) reports are site specific, but are similar to PNPS and VYNPS
- Majority of aging management programs are similar to PNPS and VYNPS
- Environmental Report is similar to the report for Nine Mile Point





# Results of Comparison to New GALL

## Summary

- Aging management review results and aging management programs were compared to the “new” GALL (NUREG-1801, Rev. 1)
- Consistency with GALL (as indicated by notes A through E) is approximately 92% for JAFNPP
- Consistency with GALL for mechanical systems is 93% for JAFNPP

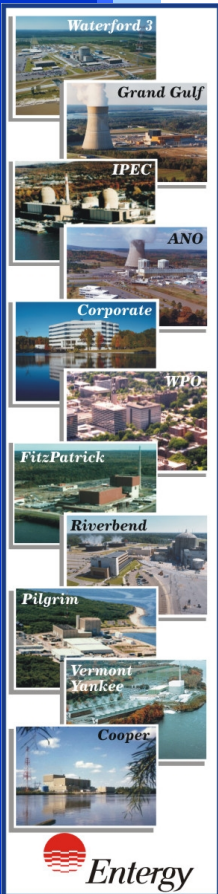




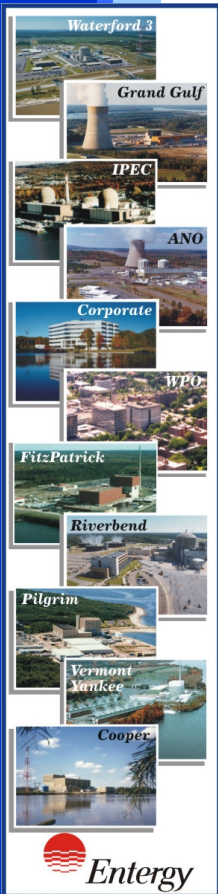
# Results of Comparison to New GALL

## Summary (continued)

- Greater than 95% of the AMR results are either explicitly consistent with GALL or are consistent with NRC approved AMR results (past precedent)
  - Most of the differences are due to material/environment /aging effect combinations that were not listed in NUREG-1801, but have been previously reviewed and approved by the NRC
  - ESF section is 93% consistent with GALL, but the percentage rises to >98% when including past precedent material/ environment/aging effect combinations
  - Auxiliary systems section is 93% consistent with GALL, but when including past precedent material/environment/aging effect combinations, the percentage is >98%



# ***LRA Lessons Learned***



- **Lessons learned from AMP audits at VYNPS and PNPS**
- **Lessons learned from Scoping and Screening audits at VYNPS and PNPS**
- **Lessons learned from AMR audit at VYNPS**
- **Lessons learned from other industry audits**

# Conclusion

- JAFNPP LRA is planned to be submitted to NRC between July 20 and July 31, 2006
- Entergy incorporated lessons learned on LRAs for VYNPS and PNPS
- JAFNPP outage scheduled for fall of 2006

