



RESUME



Ted S. Ivy, P.E.

EDUCATION

BSME, University of Arkansas, 1979
MBA, University of Arkansas Little Rock, 1999

EXPERIENCE

10/01/01 - Present

Entergy License Renewal Services, Sr. Mechanical Engineering Lead and Supervisor

- Responsible for preparation and review of Non-Class 1 Mechanical Aging Management Reviews and Aging Management Program Evaluation Reports for the Indian Point, Cooper, DC Cook, Pilgrim, Vermont Yankee, Fitzpatrick and ANO-2 License Renewal Projects.
- Responsible for review of Non-Class 1 Mechanical portions of Cooper, DC Cook, Pilgrim, Vermont Yankee, Fitzpatrick and ANO-2 License Renewal Applications as well as preparing responses to Requests for Additional Information (RAI).
- Responsible for preparation of License Renewal Project Guidelines on Scoping/Screening, Mechanical AMRRs, TLAA and License Renewal Information System for Indian Point, Cooper, DC Cook, ANO-2, Pilgrim, Fitzpatrick and Vermont Yankee.
- Responsible for review of mechanical activities performed in support implementation of license renewal commitments and activities for Pilgrim, Vermont Yankee and FitzPatrick including development of individual Aging Management Program Reviews for Implementation as well as overall Implementation Commitment/Activity scope determination.
- Review and direct work of Entergy Mechanical Engineers/contractors assigned to various License Renewal projects.
- Responsible Lead for development and maintaining the web based License Renewal Information System (LRIS) database used in the development of the aging management reports and license renewal applications.
- Act as Entergy representative for the industry License Renewal Mechanical Working Group and serving as Vice Chairman 2009-2010 and Chairman 2010

1990 - 10/2001

Entergy Operations, Arkansas Nuclear One – Sr. Lead and Senior Engineer System Engineering

- Responsible for overall system performance monitoring and providing technical expertise to resolve system related problems on the Emergency Diesel Generators (Fairbanks Morse and Caterpillar Engines), Component Cooling Water, and Fuel Oil systems until April 1996. From 1996 till 2001 was the System Engineer for the Service Water, Auxiliary Cooling Water and Traveling Screen systems.
- Develop Design Changes on responsible systems, as well as overseeing their installation and performing testing,
- Act as project manager for assigned system projects developed by other Design Engineering organizations such as Pipe replacement and spare pump purchasing.
- Perform root cause analysis on specific system problems
- Perform heat transfer testing and inspections of system heat exchangers.

1987 - 1990

Tennessee Valley Authority, Browns Ferry Nuclear Plant– Senior Lead and Senior Engineer System Engineering

- Responsible for overall system performance and providing technical expertise to resolve

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system related problems on the Emergency Equipment Cooling Water, Service Water, Standby Gas Treatment, and Secondary Containment systems.

- Review design changes for adequacy and system impact
- Performance of system testing for restart of the unit, and making recommendations to improve system performance

1984 - 1987 Gulf States Utilities, River Bend Nuclear Plant-Startup and Project Engineer

- Responsible for performing startup testing of various systems such as Vibration and Seismic Monitoring systems, Instrument Air System, and Heat Tracing Systems during startup of the plant.
- Troubleshooting system problems
- Writing and performing startup tests, and making necessary design changes
- Worked in the Projects department with the responsibility of reviewing new project or plant modification requests for feasibility and cost effectiveness.
- Project manager for large scale projects implemented at the plant to assure they were completed on schedule and within budget

1979 - 1984 Gulf States Utilities-Turbine Maintenance Engineer

- Provided technical support for all Westinghouse and General Electric Large, Medium and Small Steam Turbines in the Louisiana Fossil division of the company.
- Supervision of Contract work crews during overhauls as well as providing technical direction for these inspections without the assistance of the original equipment manufacturer.
- Provided expertise in troubleshooting equipment problems and making repair recommendations for three power plants.
- Performed vibration analysis and balancing of various types of rotating equipment.

CERTIFICATIONS

- Professional Engineer; Registered in Arkansas, and Louisiana

**PROFESSIONAL
AFFILIATIONS**

- Member, American Society of Mechanical Engineers (ASME)
- Chairman, Fairbanks Morse Diesel Generator Owners Group 1993 to 1996
- 1985 Chairman of Louisiana Engineering Society Engineers in Industry Committee
- Member, License Renewal Mechanical Working Group
- Chairman and Vice Chairman, License Renewal Mechanical Working Group 2009/2010
- Member, National Association for Corrosion Engineers (NACE International)
- Member, EPRI Buried Piping Integrity Group