

RAS 5996

50-390-CNP, et. al. Licensee Exhibit 140 - Rec'd
9/10/02

David F. Goetcheus
Senior Manager/Tennessee Valley Authority

Biography

David Goetcheus currently serves as Senior Manager of Steam Generator and RPV Technology for the Corporate office of the Tennessee Valley Authority.

David began his career with TVA in April 1978, serving initially as a Staff Metallurgical Engineer, progressing to the position of Manager of the Metallurgical Failure Analysis Section (Corporate); Manager of Metallurgy, Welding, and Codes and Standards at TVA/SQN; Manager of Steam Generator Program at TVA/SQN; Manager of TVA/SQN Chemistry for restart; Senior Manager of Refueling, Steam Generator, & Turbine Generators; Outage Manager/Corporate (TVA/BFN, TVA/SQN, TVA/WBN); Senior Manager of Maintenance & Outage Support (Corporate); Senior Manager of Steam Generator Technology Department (Corporate); Senior Manager, Steam Generator & Reactor Pressure Vessel Technology (Corporate).

Career highlights include:

- Successfully managing TVA Steam Generator Program, including secondary system chemistry, steam generator maintenance, repairs, and testing
- Industry-recognized expert in steam generator corrosion and repairs
- Developed new steam generator repair technologies in conjunction with vendors
 - robotic steam generator tube plugging system, 1987, first implemented at TVA/SQN
 - insitu heat treatment of inner radius U-bends; first operational implementation at TVA/SQN
 - development of inner radius U-Bend Eddy Current motorized rotating pancake coil in conjunction with CE & ZETEC, 1988

Authored papers and presentations:

- primary water stress corrosion cracking of inner radius U-Bends, 1987
- rotopeening qualification testing for hard rolled expansion transitions, 1987
- J-tube erosion/corrosion repair methodology, 1986
- Development of nickel band rolled steam generator tube plugs, 1986
- Development of bobbin Eddy Current test coil technique for identification of Cracked tube support plate ligaments, 1999
- Development of remote nozzle dam installation technique, 1988
- Development of pressure pulse steam generator chemical cleaning for SQN, 1994
- Development of alternate steam generator tube repair technique for axial primary Water stress corrosion cracking at dented tube support plate intersections, 1999
- Improved steam generator design technology, 2001

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David F. Goetcheus –Biography (continued)

Patents Held/Pending:

Advanced steam generator tube support grid lattice support (pending/expected November 2002), TVA
Remote Installation of steam generator nozzle dams, TVA

*Organizations & Associations:

Member of EPRI Steam Generator Management Project from 1979-present;
Chairman from approximately 1994-1999
Chairman of Westinghouse Owners' Group (WEXTEx) 1989-1991
EPRI Steam Generator Management Project Issues Integration Group
(Committee Member) 1999-Present
NEI (Nuclear Energy Institute) Steam Generator Working Group, from inception in approximately 1990-present
INPO (Institute of Nuclear Power Operators) Peer Team Evaluator 2000, 2001, 2002

Education:

Holds degrees in Metallurgical Engineering, and also Mechanical Engineering Technology

*Not all inclusive