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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

January 18, 2000

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G. Paul Bollwerk, III, Chairman  
Administrative Judge  
Atomic Safety and Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Frederick J. Shon  
Administrative Judge  
Atomic Safety and Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Dr. Peter Lam  
Administrative Judge  
Atomic Safety and Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

In the Matter of  
CAROLINA POWER & LIGHT COMPANY  
(Shearon Harris Nuclear Power Light)  
Docket No. 50-400-LA, ASLBP No. 99-795

Dear Administrative Judges:

Enclosed please find a list of James Davis' publications and presentations which was inadvertently omitted from Attachment 1 of Dr. Davis' affidavit filed in support of the NRC Staff Brief and Summary of Relevant Facts, Data and Arguments Upon Which the Staff Proposes to Rely at Oral Argument on Technical Contentions 2 and 3, filed January 4, 2000.

I apologize for any inconvenience this may have caused.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Susan L. Uttal".

Susan L. Uttal  
Counsel for NRC Staff

Enclosure: As stated

cc w/encl: Service List

DS07

## PUBLICATIONS-PRESENTATIONS

1. J. A. Davis and R. W. Staehle, "Initiations of Stress Corrosion Cracks in Iron-Chromium-Nickel Alloys: an Electron Microscopy Study," Presented at the Research in Progress Symposium, Corrosion/69, March, 1969, Houston, Texas
2. J. A. Davis, "Resistance of 18 Cr-18Ni-2Si Stainless Steel to Stress Corrosion Crack Propagation in Boiling Magnesium Chloride" Corrosion, Vol. 26, No. 3, 1970
3. J. A. Davis and B. E. Wilde, "Electrochemical Measurements on Austenitic Stainless Steels in Boiling Magnesium Chloride," Jnl. Electrochemical Soc., Vol. 117, No. 11, November, 1970, p 1348-1351
4. J. A. Davis, A. A. Staklis, and A. A. Watts, "Potential and pH Measurements During Stress Corrosion of Some Metallic Alloys," Presented at Corr/71, Research in Progress, Chicago, Ill. Mar., 1971
5. J. A. Davis, A. A. Staklis, and A. A. Watts, "Potential and pH Changes During Stress Corrosion of Some Metallic Alloys," Institute of Environmental Sciences Proceedings, 7th Annual Conference, Living in Our Environment, Los Angeles, California, Apr 26-30, 1971, p 117-122
6. J. A. Davis, "pH and Potential Measurements During Stress Corrosion of Aluminum Alloys," AGARD-CP-98 NATO Conference, Brussels, Belgium, 1972, p9/1-13
7. J. A. Davis and G. A. Gehring, Jr., "The Effect of Velocity on the Sea Water Corrosion Behavior of High Performance Ship Materials," Corr/74 International Corrosion Forum, Paper 78, Mar 4-8, 1974, Houston, Tx p78/1-78/17
8. J. A. Davis, "Use of Microelectrodes for Study of Stress Corrosion of Aluminum Alloys," International Conference on Localized Corrosion, Williamsburg, Va., NACE No. 3, 1974, p32-39
9. J. A. Davis and G. A. Gehring, Jr., "The Effect of Velocity on the Sea Water Corrosion Behavior of High Performance Ship Materials," Materials Performance, Vol 14, No. 4, 1974, p 32-39
10. J. A. Davis, A. A. Watts and G. A. Gehring, Jr., "Pitting Behavior of Aluminum Alloys in High Velocity Sea Water," Presented at the Annual Conference of the Electrochemical Society, Las Vegas, Nevada, Oct 18-22, 1976
11. T. J. Nichol and J. A. Davis, "Intergranular Corrosion Testing and Sensitization of Two High-Chromium Ferritic Stainless Steels," ASTM Spec. Tech. Publication STP 656, Intergranular Corrosion of Stainless Alloys, May 2-3, 1977, p179-196

12. R. A. Lula and J. A. Davis, "Intergranular Corrosion in 12 Chromium Ferritic Stainless Steels," ASTM Spec. Tech. Publication STP 656, Intergranular Corrosion of Stainless Steels, May 2-3, 1977, p233-247
13. J. A. Davis and M. J. Johnson, "The Effect of Temperature on the Pitting Behavior of High Performance Stainless Steels," Presented at Corr/78, Chicago, Ill., Mar., 1978
14. J. A. Davis, H. E. Deverell and M. J. Johnson, "Comparison of Stainless Steels with Copper-Nickel Alloys in Polluted Seawater," presented at Corr/78, Chicago, Ill., Mar. 1978
15. J. A. Davis and M. J. Johnson, "Corrosion Characteristics of Stainless Steels," Presented at the Pittsburgh Section of ASM Sept., 1978
16. J. A. Davis, "Stabilization of High Chromium Ferritic Stainless Steels," Presented at the Annual Meeting of the Electrochemical Society, Seattle, Washington, Oct., 1978
17. J. A. Davis and T. J. Nichol, "Intergranular Corrosion Testing of High Chromium Stainless Steels," Presented at the Pittsburgh Section of the Electrochemical Society, Oct., 1978
18. J. A. Davis, H. E. Deverell, and T. J. Nichol, "Intergranular Corrosion Resistance of 26 wt. % Chromium, 1 wt. % Molybdenum Ferritic Stainless Steel Containing Niobium," Corrosion, 36, No. 5, 1980, p215-220
19. J. A. Davis, "Performance of Polyethylene Tape Coated Steel Water Pipe," L. B. Foster Seminar on Large Diameter Steel Water Pipe, Feb. 18, 1982, Houston, Texas
20. J. A. Davis, "Performance of Polyethylene Tape Coated Pipelines for Underground Service," Shreveport, La, NACE, July 6, 1982
21. J. A. Davis, "Polyethylene Tape Coating for Underground Service," Northeastern Regional Meeting of NACE, Great Gorge, N. J., Oct. 15, 1982
22. J. A. Davis, "Performance of Polyethylene Coated Pipelines with Underground Burial," NACE Eastern Canadian Regional Conference, November 23-25, 1982, Montreal, Quebec
23. J. A. Davis, "Performance of Polyethylene coated Pipelines With Underground Burial," Proceedings of the Australian Pipeline Industry Association Annual Conference, Canberra, New South Wales, Australia, Nov., 1983
24. J. A. Davis and S. J. Thomas, "Properties and Application Procedures for Polyethylene Tape Coating systems," Pipeline Engineering Symposium of ASME, Dallas, TX, Feb. 17-21, 1985, p11-16

25. J. A. Davis, D. Rizzone and R. N. Stretton, "Polyurethane Foam, PE Tape Thermal Insulation System for Underground Pipelines," Western Canadian Regional NACE Meeting, Feb. 25-28, 1985, Victoria, British Columbia
26. J. A. Davis and S. J. Thomas, "Properties and Application Procedures for Polyethylene Tape Coating Systems," Proceedings of the Tenth International Conference on Slurry Technology, Lake Tahoe, Nevada, Mar 26-28, 1985, p26-28
27. J. A. Davis, J. D. Kellner, and H. J. Dritt, "Comparison of Laboratory Soil Stress Results with In-Service Behavior of Pipeline Coatings," Proceedings of the BHRA Conference, Nice, France, Nov. 4-8, 1985
28. J. A. Davis, "Polyethylene Tape Coatings for Underground Service," Presented to the Toronto Section of NACE, Dec. 10, 1985, Toronto, Ontario
29. J. A. Davis et al, "Analysis of Stresses on Buried Pipelines," Presented at the NACE Western Canadian Regional Meeting, Calgary, Alberta, Feb. 25-27, 1986
30. J. A. Davis, Polyethylene Tape Coatings for Underground Service, "Presented to the Calgary Section of NACE, Sept. 15, 1986, Calgary, Alberta
31. J. A. Davis et al, "Soil Stress Effects on Pipeline Coatings," Lead Speaker, Pipeline Coating Section, Australasian Corrosion Association, Inc, Conference 26, Adelaide, Australia. Nov. 17-21, 1986
32. J. A. Davis et al, "Interaction Between Soil and Coatings on Buried Pipelines," Presented at Corr/87, Underground Corrosion Symposium, San Francisco, Cal., Mar. 9-19, 1987
33. J. A. Davis, "Polyethylene Tape Coatings for Underground Service," Presented at the North Central NACE Regional Meeting, Cleveland, Ohio, Sept. 28-30, 1987
34. J. A. Davis and J. D. Kellner, "Electrochemical Principles Applied to Operating Pipelines," Presented at Corr/89, Underground Corrosion Symposium, New Orleans, Louisiana, April 17-21, 1989
35. F. J. Witt, J. A. Davis and R. A. Hermann, "Second EPRI Balance-of-Plant Heat Exchanger NDE Workshop, The U. S. Nuclear Regulatory Commission Perspective," Second EPRI Balance-of-Plant Heat Exchange NDE Workshop, Key West, Florida, May 26-29, 1992
36. J. A. Davis, "Full Reactor Coolant System Chemical Decontamination, NRC Approval of the Westinghouse Owners Group Topical Report" Fifth EPRI Workshop on Chemical Decontamination, Charlotte, North Carolina, June 8-9, 1993
37. James A. Davis and Richard E. Johnson, "The Regulatory Approach to Fastener Integrity in the Nuclear Industry," Symposium on Structural Integrity of Fasteners, Sept. 8-19, 1993, to be published as a Special Technical Publication.

38. **James A. Davis, "Nuclear Power Plant Service Water Systems, NRC Staff Perspective," International Joint Power Generation Conference, ASME Power Division, Heat Exchange Committee, Kansas City, Mo., October 17-21, 1993**
39. **J. A. Davis, G. P. Hornseth, and R. A. Hermann, "Third EPRI Balance of Plant Heat Exchanges NDE Workshop, A Regulatory Perspective," Third EPRI Balance of Plant Heat Exchange Workshop, Myrtle Beach, SC., June 6-8, 1994**
40. **R. A. Hermann, M. Banic, and J. A. Davis, "Primary Water Stress Corrosion Cracking of Alloy 600," Specialists Meeting on Cracking in LWR RPV Head Penetrations, International Atomic Energy Agency, Philadelphia, PA, May 2-4, 1995**
41. **Robert A. Hermann, James A. Davis, and Merrilee J. Banic, "Age Related Degradation in Operating Nuclear Plants," presented at ASME International Vessel and Piping Conference, Honolulu, Hawaii, July, 1995**
42. **James A. Davis, "A Regulatory Prespective on Service Water Problems," Invited Lead Speaker, Fourth EPRI Balance-of-Plant Heat Exchanger NDE Symposium, June 10-12, 1996, Jackson Hole, Wyoming.**
43. **James A. Davis, "Nuclear Power Plant Fastener Thread Gaging - NRC Staff Perspective," presented at Eight International Symposium on Environmental Degradation of Materials in Nuclear Power Systems - Water Reactors, August 10-14, 1997, Amelia Island, Florida.**
44. **James A. Davis, "A Regulatory Prespective on Service Water Problems," Invited Lead Speaker, Fifth EPRI Balance-of-Plant Heat Exchanger NDE Symposium, to be held June 15-17, 1998, Lake Tahoe, Nevada.**