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October 22, 1985

Mr. Wells Eddleman  
806 Parker Street  
Durham, North Carolina 27701In the Matter of  
Carolina Power & Light Company and North  
Carolina Eastern Municipal Power Agency  
(Shearon Harris Nuclear Power Plant)

Docket No. 50-40006

By Express Mail

Dear Wells:

Enclosed please find copies of:

- 13 Data sheets, captioned "Measurement of Acoustic Properties of Homes In The Shearon Harris EPZ"
- 4 Data sheets, captioned "Noise Measurement of Window Air Conditioner in Bedrooms"
- Meteorological data (comprised of 2 tables, captioned "July Monthly Average Meteorological Parameters" for 1:00 a.m. and 4:00 a.m., and 1 table (8 pages) captioned "Carolina Power & Light Company, Shearon Harris Nuclear Power Plant Onsite Meteorological Data For The Period 1973 Through 6/30/85, 1 AM Through AM, Months of June, July & August")
- EPA-600/1-77-010 (U.S. Environmental Protection Agency, February 1977)

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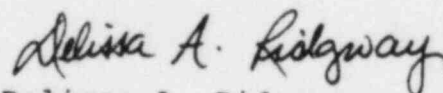
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Mr. Eddleman  
October 22, 1985  
Page 2

- (e) Kryter, K., The Effects of Noise On Man (Academic Press, New York, 1970), pages 471-83
- (f) Anon, "Noise Environment in Urban and Suburban Areas," Report FT/TS-26 (Federal Housing Administration, Department of Housing and Urban Development, March 1968)
- (g) Anon, "House Noise Reduction Measurements For Use in Studies of Aircraft Flyover Noise," SAE Aerospace Information Report AIR 1081, (Society of Automotive Engineers, New York, October 1971)
- (h) Driscoll, D.A., J.P. Dulin, Jr., and D.N. Keast, "Attenuation of Northern Dwellings to a Linear Source of Noise," (presented at 95th Congress of The Acoustical Society of America, Providence, R.I., May 1978)
- (i) 3 tables, captioned "Housing Units Within Shearon Harris EPZ With Storm Windows," "Distribution of Housing Units By Age and By Window Area Requirements, Shearon Harris EPZ," and "Exterior Material of Year-round Housing Units, 1982, Shearon Harris EPZ"
- (j) Carter, T.M., S. Kendall, and J.P. Clark, "Household Response to Warnings," International Journal of Mass Emergencies and Disasters, 1, 1:95-104 (1983)
- (k) Mileti, D., T.E. Drabek, and J.E. Haas, Human Systems in Extreme Environments (Boulder: Institute of Behavioral Science, University of Colorado, 1975), pages 44-45
- (l) Lindell, M.K. et al., Planning Concepts and Decision Criteria For Sheltering and Evacuation In A Nuclear Power Plant Emergency, AIF/NESP-031 (Washington, D.C. 1985), pages 5-15 through 5-17

The enclosed documents relate to the analyses described in the "Testimony of David N. Keast, Alvin H. Joyner and Dennis S. Mileti on Eddleman 57-C-3 (Night-time Notification)."

Sincerely,



Delissa A. Ridgway  
Counsel for Applicants

Enclosures

DAR/ps  
cc (w/o encl.) Attached Service List

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of )  
 )  
CAROLINA POWER & LIGHT COMPANY )  
and NORTH CAROLINA EASTERN ) Docket No. 50-400 OL  
MUNICIPAL POWER AGENCY )  
 )  
(Shearon Harris Nuclear Power )  
Plant) )

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