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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

DOCKETED
November 30, 1983

'83 DEC -2 A11:17

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

OFFICE OF SECRETARY
MARKETING & SERVICE
BRANCH

Glenn O. Bright
Dr. James H. Carpenter
James L. Kelley, Chairman

In the Matter of

CAROLINA POWER AND LIGHT CO. et al.
(Shearon Harris Nuclear Power Plant,
Units 1 and 2)

Dockets 50-400 OL
50-401 OL

ASLBP No. 82-168-01
OL

Wells Eddleman's Response to Applicants' Motion for
Summary Disposition of Contention 8F2

Both Applicants and Staff essentially adopt their position on Joint Contention II and Eddleman 37B re contention 8F*2 on health effects of radioactive emissions from the nuclear fuel cycle as given in Table S-3 of 10 CFR 51.20. I therefore adopt the response of Joint Intervenors on Joint Contention II (10-28-83) and the Joint Intervenors' memorandum of law thereon (dated 10-31 and filed 10-29-83) as my response to their position for summary disposition of 8F2. Because these effluents include Thorium-230, Radium-226, uranium, and transuranics, I add that these elements have half lives of 80,000; 1,600; up to 4.5 billion; and hundreds to about 204,000 years, respectively. Thus the position of Staff and Applicants that 1000 years is long enough to consider the health effects of these releases is absurd. I also adopt the J.I. Statement of facts in dispute, re Joint II, for 8F2.

In light of the Board's order dated 23 November (received Nov. 30) on Joint II, I respectfully request until December 9, 1983 to answer the two questions (about witnesses and issues I may defend) on 8F2, which are posed for Joint II on page 3 of that Order.

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Wells Eddleman D503

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the matter of CAROLINA POWER & LIGHT CO. Et al.)
Shearon Harris Nuclear Power Plant, Units 1 and 2)

Dockets 50-400
and 50401 O.L.

CERTIFICATE OF SERVICE

I hereby certify that copies of WE Response to Applicants
Motion for Summary Disposition of Contention 8E2
HAVE been served this 30 day of November 1983, by deposit in
the US Mail, first-class postage prepaid, upon all parties whose
names are listed below, except those whose names are marked with
an asterisk, for whom service was accomplished by hand

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Certified by W. W. Eddleman