

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

Sept 8, 1983

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

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. 82-468-01
OL

JOINT INTERVENORS AMENDED RESPONSE TO APPLICANTS
INTERROGATORY NO. II-50

Nuclides omitted from dose calculation include (1) those omitted from source terms as "trivial" or otherwise; (2) those formed by decay of other radionuclides, the source term only including primary fission products; (3) non-fission product radionuclides (e.g. transuranics leaking from fuel rods into primary coolant); (4) the nuclides stated to be omitted (all but a very few, e.g. Sr-90, I-131 and Cs-137) as identified in the summary of TOWARD A REALISTIC FISSION DOSE ESTIMATE, published by LAND Educational Associates Foundation, Stevens Point, WI.

A copy of the part of this in possession of Joint Intervenors is being made available to Applicants' legal personnel today.

8 September 1983

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