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RELATED CORRESPONDENCE

DOCKETED  
USNRC August 9, 1984

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UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

OFFICE OF THE SECRETARY  
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) )

APPLICANTS' EMERGENCY PLANNING INTERROGATORIES  
AND REQUEST FOR PRODUCTION OF DOCUMENTS  
TO INTERVENOR CCNC (FIRST SET)

Pursuant to 10 C.F.R. §§ 2.740b and 2.741 and to the Atomic Safety and Licensing Board's "Order (Ruling on Various Procedural Questions and Eddleman Contention 15AA)" of May 10, 1984, Carolina Power & Light Company and North Carolina Eastern Municipal Power Agency hereby request that Intervenor CCNC answer separately and fully in writing, and under oath or affirmation, each of the following interrogatories, and produce and permit inspection and copying of the original or best copy of all documents identified in the responses to interrogatories below. Answers or objections to these interrogatories and responses or objections to the request for production of documents must be served no later than August 30, 1984.

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These interrogatories are intended to be continuing in nature, and the answers should promptly be supplemented or amended as appropriate, pursuant to 10 C.F.R. § 2.740(e), should CCNC or any individual acting on its behalf obtain any new or differing information responsive to these interrogatories. The request for production of documents is also continuing in nature and CCNC must produce immediately any additional documents it, or any individual acting on its behalf, obtains which are responsive to the request, in accordance with the provisions of 10 C.F.R. § 2.740(e).

Where identification of a document is requested, briefly describe the document (e.g., book, letter, memorandum, transcript, report, handwritten notes, test data) and provide the following information as applicable: document name, title, number, author, date of publication and publisher, addressee, date written or approved, and the name and address of the person or persons having possession of the document. Also state the portion or portions of the document (whether section(s), chapter(s), or page(s)) upon which you rely.

Definitions. As used hereinafter, the following definitions shall apply:

"Applicants" is intended to encompass Carolina Power & Light Company, North Carolina Eastern Municipal Power Agency and their contractors for the Harris Plant.

"Offsite emergency plans" refers to the "North Carolina Emergency Response Plan In Support of The Shearon Harris Nuclear Power Plant," Parts 1-5.

"Document(s)" means all writings and records of every type in the possession, control or custody of CCNC or any individual acting on its behalf, including, but not limited to, memoranda, correspondence, reports, surveys, tabulations, charts, books, pamphlets, photographs, maps, bulletins, minutes, notes, speeches, articles, transcripts, voice recordings and all other writings or recordings of any kind; "document(s)" shall also mean copies of documents even though the originals thereof are not in the possession, custody, or control of CCNC; a document shall be deemed to be within the "control" of CCNC or any individual acting on its behalf if they have ownership, possession or custody of the document or copy thereof, or have the right to secure the document or copy thereof, from any person or public or private entity having physical possession thereof.

#### General Interrogatories

1(a). State the name, present or last known address, and present or last known employer of each person known to you to have first-hand knowledge of the facts alleged, and upon which you relied in formulating allegations, in each of your contentions which are the subject of this set of interrogatories.

(b). Identify those facts concerning which each such person has first-hand knowledge.

(c). State the specific allegation in each contention which you contend such facts support.

2(a). State the name, present or last known address, and present or last employer of each person, other than affiant, who provided information upon which you relied in answering each interrogatory herein.

(b). Identify all such information which was provided by each such person and the specific interrogatory response in which such information is contained.

3(a). State the name, address, title, employer and educational and professional qualifications of each person you intend to call as an expert witness or a witness relating to any contention which is the subject of this set of interrogatories.

(b). Identify the contention(s) regarding which each such person is expected to testify.

(c). State the subject matter as to which each such person is expected to testify.

4(a). Identify all documents in your possession, custody or control, including all relevant page citations, pertaining to the subject matter of, and upon which you relied in formulating allegations in each contention which is the subject of this set of interrogatories.

(b). Identify the contention(s) to which each such document relates.

(c). State the specific allegation in each contention which you contend each document supports.

5(a). Identify all documents in your possession, custody or control, including all relevant page citations, upon which you relied in answering each interrogatory herein.

(b). Identify the specific interrogatory response(s) to which each such document relates.

6(a). Identify any other source of information, not previously identified in response to Interrogatory 2 or 5, which was used in answering the interrogatories set forth herein.

(b). Identify the specific interrogatory response(s) to which each such source of information relates.

7(a). Identify all documents which you intend to offer as exhibits during this proceeding to support the contentions which are the subject of this set of interrogatories or which you intend to use during cross-examination of witnesses presented by Applicants and/or the NRC Staff and/or the Federal Emergency Management Agency ("FEMA") Staff on each contention which is the subject of this set of interrogatories.

(b). Identify the contention(s) to which each document relates and the particular page citations applicable to each contention.



Interrogatories on CCNC 2

2-1(a). State whether you are aware that 10 C.F.R. § 50.47(b)(10) requires not simply the development of plans for evacuation, but rather the development of "[a] range of protective actions" (emphasis supplied) for the public within the plume EPZ.

(b). State whether you are aware that Applicants will be required to demonstrate the compliance of offsite emergency plans with 10 C.F.R. § 50.47(b)(10).

(c). State whether you believe that 10 C.F.R. § 50.47(b)(10) requires consideration of sheltering in local housing as a protective action option.

(d). State whether you believe that the offsite emergency plans will fail to comply with 10 C.F.R. § 50.47(b)(10) to the extent it requires provision for consideration of sheltering as a protective action.

(e). If the answer to (d) above is affirmative, identify specifically all provisions of 10 C.F.R. § 50.47(b)(10) with which you believe the offsite emergency plans will fail to comply. As to each such provision, describe in detail the bases for your conclusion, including the reasons for identifying the provision.

(f). If the answer to (d) above is other than affirmative, explain in detail how your response is consistent with the allegations set forth in CCNC 2.

2-2(a). Identify all NRC and FEMA rules, regulations, regulatory guides, publications, and endorsed national standards which you allege pertain to sheltering as a protective action.

(b). Specify each item identified in answer to (a) above with which you believe the offsite emergency plans will fail to comply. As to each such item, describe in detail the bases for your conclusion, including the reasons for identifying the item.

(c). Identify specifically all provisions of each item identified in response to (b) above with which you believe the offsite emergency plans will fail to comply. As to each such provision, describe in detail the bases for your conclusion, including the reasons for identifying the provision.

2-3(a). State whether you contend that the "typical rural house" in the Harris plume EPZ is different from the typical rural residences found in the plume EPZs of other commercial nuclear plants in the southeast United States.

(b). If the answer to (a) above is affirmative, specify the bases for that answer.

(c). If the answer to (a) above is affirmative, explain in detail the differences between the "typical rural house" in the Harris plume EPZ and the typical rural residences found in the plume EPZs of other commercial nuclear plants in the southeast United States.

2-4(a). Describe in detail the "typical rural house found around the plant site," including (but not limited to) factors such as size of structure, type of building material, density of building material, number of stories/floors, presence or absence of basement, roofing material, number of size of windows and doors on each floor, type of heating, cooling and ventilation systems, and air exchange rate for the structure.

(b). As to each factor or characteristic identified in response to (a) above, specify the bases for your conclusion, including the reason for identifying the factor or characteristic.

2-5(a). Describe in detail the insulation of the "typical rural house found around the plant site."

(b). Specify the bases for your answer to (a) above.

2-6. Identify all bases for your assertion that the air in the "typical rural house found around the plant site" is "exchanged several times each hour."

2-7. Describe any and all changes you believe must be made in offsite emergency plans to meet the concerns expressed in CCNC 2. Describe in detail the bases for your belief that such changes must be made.

2-8. Describe any and all actions you believe must be taken, or changes you believe must be made (other than those identified in the answer to Interrogatory 2-7 above), to meet



the concerns expressed in CCNC 2. Describe in detail the bases for your belief that such actions must be taken and such changes made.

Interrogatories on CCNC 8

8-1(a). Identify all training which you believe RPS personnel have already received to prepare them to perform functions which they may be relied upon to perform in an emergency at the Harris plant. As to each training course listed, identify the bases for your response.

(b). Identify all training (excluding that listed in answer to (a) above) which you believe RPS personnel will receive prior to operation of the Harris plant above low power, to prepare the personnel to perform functions which they may be relied upon to perform in an emergency at the Harris plant.

8-2(a). List individually each function which the Radiation Protection Section (RPS) of the North Carolina Department of Human Resources may be relied upon to perform in an emergency at the Harris plant, but which you believe will not be adequately performed due to insufficient staffing.

(b). With respect to each function listed in your answer to (a) above, indicate (i) the approximate number of RPS personnel available to perform that function and (ii) the number of additional personnel you contend are required to successfully implement that function.

8-3(a). List individually each function which RPS may be relied upon to perform in an emergency at the Harris plant, but which you believe its personnel are not adequately trained to perform, and identify any way in which the training RPS personnel will receive will be inadequate.

(b). With respect to each function listed in your answer to (a) above, describe in detail the training which the personnel must receive in order to successfully perform that function.

8-4. Describe any and all changes you believe must be made in offsite emergency plans to meet the concerns expressed in CCNC 8. Describe in detail the bases for your belief that such changes must be made.

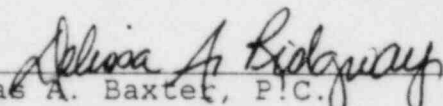
8-5. Describe any and all actions you believe must be taken, or changes you believe must be made (other than those identified in answer to Interrogatory 8-4 above), to meet the concerns expressed in CCNC 8. Describe in detail the bases for your belief that such actions must be taken and such changes made.

#### Request For Production of Documents

Applicants request that Intervenor CCNC respond in writing to this request for production of documents and produce the original or best copy of each of the documents identified or

described in the answers to each of the above interrogatories,  
at a place mutually convenient to the parties.

Respectfully submitted,

  
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Dated: August 9, 1984

RELATED CORRESPONDENCE

DOCKETED  
USNRC

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OFFICE OF SECRETARY  
DOCKETING & SERVICE  
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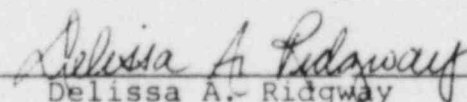
UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

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AND NORTH CAROLINA EASTERN	)	Docket No. 50-400 OL
MUNICIPAL POWER AGENCY	)	
	)	
(Shearon Harris Nuclear Power	)	
Plant)	)	

CERTIFICATE OF SERVICE

This is to certify that copies of the foregoing "Applicants' Emergency Planning Interrogatories and Request for Production of Documents To Intervenor CCNC (First Set)" were served by deposit in the United States Mail, first class, postage prepaid, this 9th day of August, 1984, to all those on the attached Service List.

  
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Delissa A. Ridgway

DATED: August 9, 1984

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of	)	
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CAROLINA POWER & LIGHT COMPANY	)	Docket Nos. 50-400 OL
and NORTH CAROLINA EASTERN	)	50-401 OL
MUNICIPAL POWER AGENCY	)	
	)	
(Shearon Harris Nuclear Power	)	
Plant, Units 1 and 2)	)	

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