

50-413/4140 L

I-EP-19

~~5/7/84~~ ~~OFFICE OF THE ATTORNEY GENERAL~~ JHL

DOCKETED
USNRC
JHL EP-19

November 8, 1983

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J. R. Hendricks
Civil/Environmental Division
Design Engineering

OFFICE OF THE ATTORNEY GENERAL
DOCKETING & SERVICE
BRANCH

Attn: J. H. Lee

CA-1404.00
CA-1412.00
CA-1415.00

Subject: PRC-Voorhees Support on Catawba

Gentlemen:

I met with A. Kanen and H. Kulash of PRC-Voorhees in McLean, Virginia on November 4, 1983 to pick up discovery materials and to discuss the upcoming hearings. During the discussion it was determined that they did not have a formal technical paper that discussed the method for assigning a certain % of people in an area to a certain amount of time to complete an action such as work to home travel. Thus, I commissioned them to prepare such a paper and to perform a sensitivity analysis on the effect of voluntary evacuation (if that were to occur) of Charlotte citizens upon those leaving the 10 mile EPZ.

If you have any questions, please advise.

Very truly yours,

R. Michael Glover

R. M. Glover
Emergency Response Coordinator

RMG/be

NUCLEAR REGULATORY COMMISSION

Docket No. 50-413/414 Sub. No. EP-19

to file on behalf of Duke, Catawba

Staff _____

Applicant _____

Plaintiff _____

Event No. _____

Case No. _____

Other _____

Reporter M. Metzger

5/7/84

8406220297 840507
PDR ADOCK 05000413
G PDR

gHL

DUKE POWER COMPANY
GENERAL OFFICES
422 SOUTH CHURCH STREET
CHARLOTTE, N. C. 28242

TELEPHONE: AREA 704
373-4011

P. O. BOX 33189

November 2, 1983

Mr. A C Kanen
PRC Engineering
1500 Planning Research Drive
McLean, VA 22102

Re: Catawba Nuclear Station
Emergency Evacuation Time Estimate
ASLB Hearings
File No.: CN-1464.00

Dear Mr. Kanen:

In a ruling on September 29, 1983 the ASLB rewrote and allowed contention 11 and allowed rewritten contention 7. Discovery on contentions 11 and 7 as well as all other Emergency Planning Contentions, which were previously transmitted to you, is open from now until February 1, 1984. Hearings are now expected to begin in early March. We are enclosing for your information a copy of the September 29 ruling and our maps and tables pertinent to population and population density in the northeast quadrant.

Confirming our telephone conversation of October 28, 1983 with Walter Kulash we are advised that our legal staff has discussed some of the discovery items with the intervenors. Therefore, we are requesting copies of the following information for review by our legal staff:

1. Any working papers leading into or as a result of the Catawba Study;
2. Correspondence, other than Duke, pertaining to the Catawba Study;
3. Any available underlying data ie source of distributions of evacuee actions, etc.
4. Any information pertaining to what could be called the "Charlotte Effect" (Volunteer evacuees from Charlotte).

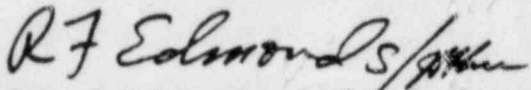
We understand from Walter that this information may be available in about a week. If this is not a reasonable response time or if you have any questions please contact John H Lee at 704-373-8184.

November 2, 1983
Catawba Nuclear Station
Emergency Evacuation Time Estimate
ASLB Hearings
Page 2

Thank you for your assistance in this matter.

Sincerely,

S B Hager, Chief Engineer
Civil-Environmental Division

A handwritten signature in cursive script, appearing to read "R F Edmonds".

By: R F Edmonds, Senior Engineer

JHL/cwr

Enclosures

cc: w/o enclosures - R M Glover
A V Carr
C C Rolfe



Planning Research Corporation

PRC Voorhees

Division of PRC Engineering
1500 Planning Research Drive
McLean, VA 22102
703-556-2400
TWX 710-8330966
Telex 248372

JRH-tll

August 15, 1983

Ref: #9230-028-00

Mr. S.B. Hager, Chief Engineer
Civil/Environmental Division
Duke Power Company
422 South Church Street
Charlotte, NC 28242

Attention: Mr. John Lee

Reference: Catawba Nuclear Station
Emergency Evacuation Time Estimates
Your Reference Number -- CN-1464.00

JRH-REF - JHL

RECEIVED
CIVIL-ENVIRONMENTAL DIVISION
CHIEF ENGINEER'S OFFICE
AUG 15 1983
CENTRAL RECORDS/DIVISION USE
NO ATTACHMENT TO FILE
FILE NO. CN-1464.00

Dear Mr. Hager:

With reference to our proposal for Evacuation Time Estimate Analysis dated May 15, 1981 and addendum dated November 18, 1982, we are submitting herewith our consulting fee schedule by staff category for additional services in connection with the referenced project (See Attachment A).

It is anticipated that such additional services may comprise the following:

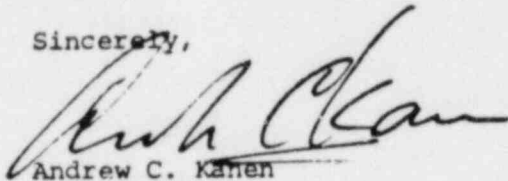
1. Review of interrogatories and development of responses relative to the evacuation time estimates for the Catawba Station.
2. Conduct reviews of contentions relative to the evacuation time estimates and develop clarification and amplification as directed by Duke Power Company.
3. Conduct special analysis of issues raised in any contentions relative to evacuation feasibility as directed by Duke Power Company.
4. Make depositions and attend hearings as required by Duke Power Company.

Mr. S.B. Hager
August 15, 1983
Page 2

It is intended that PRC Voorhees will, of course, assign the staff members that have developed the time estimate report and that have familiarity with the site specific circumstances. In view of the difficulty in defining precisely the required level of effort, it is proposed that PRC Voorhees provides technical assistance on a time and material basis, with hourly rates for professional staff as noted in Attachment A. Fees will be billed monthly and payable in 30 days. Direct costs, such as travel and per diem, will be billed at cost plus 10 percent handling.

Please advise us of the acceptability of the above arrangement.

Sincerely,



Andrew C. Kanen
Vice President
PRC Voorhees
a division of
PRC Engineering

sgt

Attachment

cc: Walter Kulash

ATTACHMENT A

PRC Voorhees consultant fee schedule:

<u>Staff Category</u>	<u>Hourly Rate</u>
Principal	77.00
Senior Associate	70.00
Associate	67.00
Senior Engineer	51.00
Engineer	41.00
Word Processing & Graphics	27.00
Administrative Support	25.00