

50-413/4140 L

I-EP-19

5/7/84 ~~FILED~~ JHL

DOCKETED  
USNRC

EP-19

November 8, 1983

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J. R. Hendricks  
Civil/Environmental Division  
Design Engineering

OFFICE OF  
DOCKETING & CASE  
MANAGEMENT

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  
In Re: Duke, Catawba  
Staff \_\_\_\_\_  
Applicant \_\_\_\_\_  
Respondent \_\_\_\_\_  
Control \_\_\_\_\_  
Cost \_\_\_\_\_  
Other \_\_\_\_\_  
Reporter M. Meltzer  
5/7/84

8406220297 840507  
PDR ADOCK 05000413  
PDR  
G

gHL

P. O. BOX 33189

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

TELEPHONE: AREA 704  
373-4011

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

*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

**PRC Voorhees**

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

**prc**

**Planning Research Corporation**

*JRH-File*

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-File - JHL*

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

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:

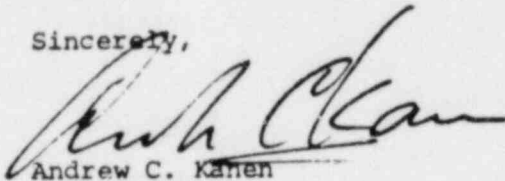
1. Review of interrogatories and development of responses relative to the evacuation time estimates for the Catawba Station.
2. Conduct reviews of contentions relative to the evacuation time estimates and develop clarification and amplification as directed by Duke Power Company.
3. Conduct special analysis 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