

Sept. 20, 1999

Russell Powell, Chief
FOIA-LPDR Branch
Division of Freedom of Information and Publication Services Office of Administration
U.S. Nuclear Regulatory Commission Washington, DC 20036

FOI/WPA REQUEST

BY FAX: (301) 415-5130

Case No: 99-367
Date Rec'd: 9-21-99
Action Off: Pugh
Related Case: _____

Dear Mr. Powell:

On behalf of North Carolina Waste Awareness and Reduction Network (NC-WARN), and pursuant to the Freedom of Information Act, 5 U.S.C. 552(b), et. seq., I hereby request that you make available copies of all documents in the U.S. Nuclear Regulatory Commission's possession which describe or discuss:

- 1) Actual or projected heat loads and/or heat production from spent fuel assemblies and/or any other source, in spent fuel pools at the Shearon Harris reactor site, including any calculations and/or data of any kind (including sources of such data and all references used) used to calculate or estimate such loads, explicitly including any documents or information whatsoever relating to any of the estimated heat loads and/or the "maximum CCW Capability without system upgrades" shown on the viewgraph "Projected CCW Heat Loads" (apparently paginated as "10" and dated 1/2/98 in Carolina Power & Light's 7/16/98 "10 CFR 50.55a Alternative Plan for Harris Spent Fuel Pool [sic] 'C' and 'D' " a set of viewgraphs from a CP&L/NRC Staff meeting on 7/16/98).
- 2) actual or projected heat removal capacity from any and/or all spent fuel pools at the Shearon Harris reactor site near Bonsal NC.
- 3) actual RHR, Service Water System, and/or CCW heat removal capacity under operating, shutdown or accident conditions at Harris, or any calculations or projections of any and/or all of these, including any of the calculations, numbers, charts, or projections of RHR, SWS and/or CCW system heat removal capacity and/or heat transfer capability, including any and all supporting calculations, assumptions, referenced documents, information or procedures for calculating any and/or all of the above, including all such information relating to the 1999 CP&L heat removal calculations presented or referred to at the May 9, 1999 Prehearing Conference of the ASLB held in Chapel Hill NC, and/or any other calculations or projections of any of the above performed by NRC, CP&L or anyone else, the dates thereof, and/or any criteria or procedures or memoranda related to such calculation(s), projection(s) and/or estimate(s).
- 4) any methodology used, or rejected for use, in any of the above calculations, projections or estimates; and any documents related to such methodology and/or decision(s) concerning what methodology is or was used, or is not or was not used.

This request covers but is not limited to all draft and final reports, correspondence, viewgraphs (vu-graphs, etc.) or copies thereof, memoranda, notes, records of telephone contacts, electronic communications including fax transmissions and Email, or other written records, whether in paper or computer files including CDs.

Pursuant to our request, please provide all documents and communications prepared or utilized by, in the possession of or routed through the NRC related to the above items 1-4 above.

For any portion of the request that you deem appropriate to deny, NC-WARN requests that you describe the information that is denied, identify the exception to the FOIA on which you rely, and explain how that exception applies to the withheld information.

Pursuant to NRC regulations at 10 CFR 9.41, NC-WARN requests that any searching and copying fees incurred as a result of this search be waived, and provides the following information in response to the eight criteria listed in Section 9.41(b):

1) Purpose of request:

The purpose of the request is to gather information on the heat loads from spent fuel stored, and/or proposed to be stored, at the Harris nuclear plant site, and the ability to meet those heat loads and how such ability was and/or has been calculated, including the reasons for any re-calculations and all methods and data used.

The requested information is currently not available in the NRC's Public Document Room.

2) Extent to which NC-WARN will extract and analyze the substantive content of the records:

NC-WARN is qualified to make use of the requested information. Our staff and cooperating experts have demonstrated the ability to interpret information and communicate that information in a form comprehensible to the general public. Members of NC-WARN have published articles in news media of general circulation in North Carolina including the Raleigh News & Observer, Chapel Hill (NC) Herald. NC-WARN is quoted as a reliable source of information on nuclear issues in newspapers and on radio and television across the North Carolina. NC-WARN was a key source of information to the public concerning low-level radioactive waste issues during the State of North Carolina's now-withdrawn membership in the Southeast LLRW Compact. NC-WARN was first to inform the general public of plans for a significant expansion of spent nuclear powerplant fuel storage proposed on 1998 for the Shearon Harris nuclear plant near Apex NC.

NC-WARN has a working relationship with attorneys, physicists, nuclear engineers, medical doctors, and other respected professionals who contribute to the full understanding of technical records.

3) Nature of the specific activity or research in which the records will be used and NC-WARN's qualifications to utilize the information for the intended use in such a way that it will contribute to public understanding:

NC-WARN seeks the requested information solely to contribute to and help shape the public debate on adequate worker and public health and safety. NC-WARN intends to use the information in order to advance the concerns for public understanding and safety.

4) Likely impact on the public's understanding of the subject as compared to the level of understanding of the subject prior to disclosure:

Since complete information on the above-referenced items is not available to the general public, NC-WARN will be able to provide the first comprehensive review of this information, which can impact public health and safety.

5) Size and nature of the public to whose understanding a contribution will be made:

NC-WARN's information is regularly reported in news media reaching millions of citizens in North Carolina ranging from Winston-Salem, Greensboro, Apex, Chapel Hill, Pittsboro, Raleigh, Fayetteville and Charlotte for examples, including over 3 million people and including the general public as well as public officials and specialists in health and safety related issues.

6) Means of distribution of the requested information:

NC-WARN provides information via reports, news releases, press conferences, newsletters, e-mail and other means. NC-WARN has been a key provider of information on nuclear, toxics and other health- and safety-related issues since 1990.

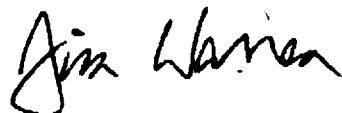
7) Whether free access to information will be provided:

NC-WARN will provide access to information received under this request freely.

8) No commercial interest by NC-WARN or any other party:

NC-WARN is a nonprofit organization (501(c)3) and has zero commercial interest, nor is party to any commercial interest in the above-requested information. To NC-WARN's best knowledge, no other commercial interest is involved with this request.

Sincerely,

A handwritten signature in black ink that reads "Jim Warren". The signature is written in a cursive, slightly slanted style.

Jim Warren
Executive Director

9/20/99

cc: Sen. John Edwards
Rep. David Price
Rep. Bobby Etheridge
Rep. Eva Clayton
Orange County Board of Commissioners
Diane Curran

10CFR50.55a Alternative Plan for Harris Spent Fuel Pool 'C' and 'D'

July 16, 1998

CP&L

==== TCON11 ===== Accession Number - 9803200255 ===== Start ==== End ===

Availability: PDR Format: * Microfilm Address: A2676-323 A2676-348

Size: 28pp.

Document Type: Meeting minutes Issued: 980311
Desc/: Summary of 980303 meeting w/util re SHNPP 'C' & 'D' SFPs activation
Title: project.List of attendees & handouts encl.

Authors: FLANDERS,S.C. NRC Affiliation Not Assigned

Recipients: * NRC Affiliation Not Assigned

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

File Locations: PDR ADOCK 05000400 P 980311 Package: 9803200255 #

Use HOME/TAB To View Additional Information, ENTER To View Text, ESCape To Exit

Count: *0 <Replace>

All

<<NUDOCS/AD>>

Nuclear Regulatory Commission

ADQ42 V6.3.23.0

==== TCON11 ===== Accession Number - 9808040277 ===== Start ===== End =====

Availability: PDR Format: * Microfilm Address: A4492-020 A4492-096

Size: 76pp.

Document Type: Meeting minutes Issued: 980729
Desc/: Summary of 980716 meeting w/CPL re plant "C" & "D" spent fuel pool
Title: activation project.

Authors: FLANDERS,S.C. NRC Affiliation Not Assigned

Recipients: * NRC Affiliation Not Assigned

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

File Locations: PDR ADOCK 05000400 P 980729 Package: 9808040277 #

Use HOME/TAB To View Additional Information, ENTER To View Text, ESCape To Exit.

Count: *0

<Replace>

<<NUDOCS/AD>>

Nuclear Regulatory Commission

ADQ42 V6.3.23.0

==== TCON11 ===== Accession Number - 9812290056 ===== Start ===== End ===

Availability: PDR Format: *

Microfilm Address: A6381-001 A6381-309

Size: 28pp. Notarized

Document Type: Application, operating license, amendments Issued: 981223
Desc/: Application for amend to license NPF-63, revising TS 5.6, "Fuel
Title: Storage," by increasing spent fuel storage capacity by adding rack
: modules to pools 'C' & 'D.' Non-proprietary & proprietary licensing
: repts encl. Proprietary info withheld.
Authors: SCAROLA, J. Carolina Power & Light Co.

Recipients: * Document Control Branch (Document Control Desk) (

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

Other Related Number HNP-98-188

File Locations: PDR ADOCK 05000400 P

981223 Package: 9812290056 *

Use HOME/TAB To View Additional Information, ENTER To View Text, ESCape To Exit.

Count: *0

<Replace>

<<NUDOCS/AD>> Nuclear Regulatory Commission ADQ42 V6.3.23.0
==== TCON11 ===== Accession Number - 9903220064 ===== Start ==== End ===
Availability: PDR Format: * Microfilm Address: A7323-001 A7323-283
Size: 6pp.

Document Type: Incoming Correspondence Issued: 990315
Desc/: Forwards proprietary & non-proprietary version of rev 3 to HI-971760,
Title: "Licensing Rept for Expanding Storage Capacity in Harris SFPs 'C' &
: 'D'." Repts are reissued to reflect reduction in proprietary
: info.Proprietary info withheld.
Authors: SCAROLA,J. Carolina Power & Light Co.
Recipients: * Document Control Branch (Document Control Desk) (

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina
Other Related Number HNP-99-032

File Locations: PDR ADOCK 05000400 P 990315 Package: 9903220064 *

Use HOME/TAB To View Additional Information, ENTER To View Text, ESCape To Exit.
Count: *0 <Replace>

<<NUDOCS/AD>>

Nuclear Regulatory Commission

ADQ42 V6.3.23.0

==== TCON11 ===== Accession Number - 9904010028 ===== Start ===== End =====

Availability: PDR Format: * Microfilm Address: A7460-146 A7460-149

Size: 4pp.

Document Type: Outgoing correspondence Issued: 990326
Desc/: Advises that info contained in Holtec rept HI-97160, "Licensing Rept
Title: for Expanding Storage Capacity in Plant Spent Fuel Pools C & D," will
: be withheld from public disclosure, per 10CFR2.790.

Authors: LAUFER, R.J. NRC Affiliation Not Assigned

Recipients: PELLET, S.H. Affiliation Not Assigned

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

Internal Tracking # TAC MA4432

File Locations: PDR ADOCK 05000400 P 990326 Package: 9904010028 #

Use HOME/TAB To View Additional Information, ENTER To View Text, ESCape To Exit.

Count: *0

<Replace>

<<NUDOCS/AD>>

Nuclear Regulatory Commission

ADQ42 V6.3.23.0

==== TCON11 ===== Accession Number - 9905070018 ===== Start ===== End =====

Availability: PDR Format: ABS Microfilm Address: A7935-223 A7935-264

Size: 42pp.

Document Type: Intervention Petitions, Responses & Conten Issued: 990505
Desc/: NRC Staff response to Orange County supplemental petition to
Title: intervene.* None of petitioner proposed contentions meet Commission
: requirements for admissible contention.Petitione r 990212 request
: should be denied.With Certificate of Svc.

Authors: ZOBLER,M. Office of the General Counsel (OGC, Post 860701)

Recipients: * Atomic Safety & Licensing Board Panel

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

Internal Tracking # DSB-299 20343 990506 Docket Date

Other Related Number LA

File Locations: PDR ADOCK 05000400 G 990505 Package: 9905070018 #

Use HOME/IAB To View Additional Information, ENTER To View Text, ESCape To Exit.

Count: *0

<Replace>

<<NUDOCS/AD>> Nuclear Regulatory Commission ADQ42 V6.3.23.0
==== TCON11 ===== Accession Number - 9905100006 ===== Start ===== End =====
Availability: PDR Format: ABS Microfilm Address: A7941-100 A7941-286
Size: 150pp.

Document Type: Intervention Petitions, Responses & Conten Issued: 990505
Desc/: Applicant answer to Petitioner Board of Commissioners of Orange County
Title: Contentions.* Requests that technical contentions in section III &
: environ contentions in section IV not be admitted.With Certificate of
: Svc.

Authors: O'NEILL,J.H. Carolina Power & Light Co.
O'NEILL,J.H. Shaw, Pittman, Potts & Trowbridge
Recipients: * Atomic Safety & Licensing Board Panel

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

Internal Tracking # DSB-299 20353 990507 Docket Date
Other Related Number LA

File Locations: PDR ADOCK 05000400 G 990505 Package: 9905100006 #

Use HOME/TAB To View Additional Information, ENTER To View Text, ESCape To Exit.
Count: *0 <Replace>

<<NUDOCS/AD>>

Nuclear Regulatory Commission

ADQ42 V6.3.23.0

==== TCON11 ===== Accession Number - 9905200044 ===== Start ==== End ===

Availability: PDR Format: * Microfilm Address: A8062-001 A8062-186

Size: 83pp.

Document Type: Transcripts, Depositions, Narrative Testim Issued: 990513
Desc/: Transcript of 990513 prehearing conference in Chapel Hill,NC re
Title: Carolina Power & Light Co.Pp 1-176.Supporting documentation encl.

Authors: * Atomic Safety & Licensing Board Panel

Recipients:

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

Internal Tracking # DSB-299 20401 990519 Docket Date

Other Related Number LA

File Locations: PDR ADOCK 05000400 G 990513 Package: 9905200044 #

Use HOME/TAB To View Additional Information, ENTER To View Text, ESCape To Exit.

Count: *0

<Replace>

<<NUDOCS/AD>>

Nuclear Regulatory Commission

ADQ42 V6.3.23.0

==== TCON11 ===== Accession Number - 9907130054 ===== Start ===== End =====

Availability: PDR Format: ABS Microfilm Address: A8559-296 A8559-326

Size: 31pp.

Document Type: Orders Issued: 990712
Desc/: Memorandum & order (ruling on standing & contentions). * Grants
Title: petitioner 990212 hearing request re intervention petition challenging
: CP&L 981223 request for increase in SF storage capacity. With
: Certificate of Svc. Served on 990712.
Authors: BOLLWERK, G.P. Atomic Safety & Licensing Board Panel
LAM, P.S. Atomic Safety & Licensing Board Panel
Recipients: * Affiliation Not Assigned

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

Internal Tracking # DSB-399 20643 990712 Docket Date

Internal Tracking # LBP-99-25

File Locations: PDR ADOCK 05000400 G 990712 Package: 9907130054 #

Use HOME/TAB To View Additional Information, ENTER To View Text, ESCAPE To Exit.

Count: *0

<Replace>

<<NUDOLCS/HD>>

Nuclear Regulatory Commission

ADQ42 V6.3.23.0

==== TCON11 ===== Accession Number - 9908110003 ===== Start ==== End ==

Availability: PDR Format: *

Microfilm Address: A8913-157 A8913-163

Size: 7pp.

Document Type: **Outgoing correspondence**

Issued: 990805

Desc/: **Forwards RAI re licensee 981223 request for amend to revise plant TS**

Title: **5.6, "Fuel Storage," to increase SF storage capacity by placing SF
: pools C & D in service.**

Authors: LAUFER,R.J. NRC Affiliation Not Assigned

Recipients: SCAROLA,J. Carolina Power & Light Co.

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

Internal Tracking # TAC MA4432

File Locations: PDR ADOCK 05000400 P

990805 Package: 9908110003 #

Use HOME/TAB To View Additional Information, ENTER To View Text, ESCape To Exit.

Count: *0

<Replace>

==== TCON11 ===== Accession Number - 9909100158 ===== Start ==== End ==

Availability: PDR Format: * Microfilm Address: A9200-007 A9200-118

Size: 22pp.

Document Type: Incoming Correspondence Issued: 990903
Desc/: Provides response to NRC 990805 RAI re amend request to increase fuel
Title: storage capacity.

Authors: ALEXANDER,D.B. Carolina Power & Light Co.

Recipients: * Document Control Branch (Document Control Desk) (

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

Other Related Number HNP-99-129

File Locations: PDR ADOCK 05000400 P 990903 Package: 9909100158 *

Use HOME/TAB To View Additional Information, ENTER To View Text, ESCape To Exit.
Count: *0 <Replace>

<<NUDOCS/AD>> Nuclear Regulatory Commission ADQ42 V6.3.23.0
==== TCON11 ===== Accession Number - 9906030074 ===== Start ==== End ===
Availability: PDR Format: * Microfilm Address: A8264-001 A8266-068
Size: 1p.

Document Type: Incoming Correspondence Issued: 990525
Desc/: Forwards periodic update to FSAR for HNP.Amend 49 is current through
Title: 981128 (end of RFO 8).Some changes & analysis completed after 981128
: have also been included in amend.

Authors: SCAROLA,J. Carolina Power & Light Co.

Recipients: * Document Control Branch (Document Control Desk) (

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

Other Related Number HNP-99-087

File Locations: PDR ADOCK 05000400 K 990525 Package: 9906030074 *

Use HOME/TAB To View Additional Information, ENTER To View Text, ESCape To Exit.
Count: *0 <Replace>

<<NUDOCS/AD>> Nuclear Regulatory Commission ADQ42 V6.3.23.0
==== TCONS ===== Accession Number - 9902190008 ===== Start ==== End ==
Availability: PDR Format: * Microfilm Address: A6884-013 A6884-069
Size: 58pp.

Document Type: Public Comments on Proposed Rules & Petiti Issued: 990212
Desc/: Comment opposing significant hazards determination & conditional
Title: request for stay of effectiveness re proposed license amend to permit
: expansion of SF storage capacity at plant NPP.

Authors: CURRAN,D. Harmon, Curran, Gallagher & Spielberg (formerly Harm

Recipients: * Commissioners (NRC, Post 750119)

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

Fed Reg Citation No. 64FR2237 00005 990212 Docket Date

File Locations: PDR ADOCK 05000400 P 990212 Package: 9902190008 #

Use HOME/TAB To View Additional Information, ENTER To View Text, ESCape To Exit
Count: *0 <Replace>

<<NUDOCS/AD>>

Nuclear Regulatory Commission

HDQ42 V6.3.23.0

==== TCONS ===== Accession Number - 9902230103 ===== Start ===== End ==

Availability: PDR Format: * Microfilm Address: A6933-078 A6933-091

Size: 1p.

Document Type: Incoming Correspondence Issued: 990216

Desc/: Forwards declaration of G Thompson re NRC staff proposed no

Title: significant hazards determination for proposed amend to OL.

:
:
:

Authors: CURRAN,D. Harmon, Curran, Gallagher & Spielberg (formerly Harm

Recipients: MEYER,D.L. Rules & Directives Review Branch (ADM, Post 92032

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

Fed Reg Citation No. 64FR2237 00010

File Locations: PDR ADOCK 05000400 P 990216 Package: 9902230103 *

Use HOME/TAB To View Additional Information, ENTER To View Text, ESCape To Exit

Count: *0

<Replace>

<<NUDOCS/AD>>

Nuclear Regulatory Commission

ADQ42 V6.3.23.0

==== TCONS ===== Accession Number - 9902250036 ===== Start ===== End =====

Availability: PDR Format: ABS Microfilm Address: A6957-207 A6957-211

Size: 5pp.

Document Type: Intervention Petitions, Responses & Conten Issued: 990212
Desc/: Orange County request for hearing & petition to intervene.* Orange
Title: County hereby requests hearing & petitions to intervene in license
: amend proceeding re expansion of SF pool storage capacity at Shearon
: Harris Nuclear Power Plant.

Authors: CURRAN,D. Affiliation Not Assigned
CURRAN,D. Harmon, Curran, Gallagher & Spielberg (formerly Harm

Recipients: * Office of the Secretary of the Commission (SECY)

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

Other Related Number LA 990224 Docket Date

File Locations: PDR ADOCK 05000400 G 990218 Package: 9902250031 A

Use HOME/TAB To View Additional Information. ENTER To View Text. ESCape To Exit
Count: *0 <Replace>

<<NUDOCS/AD>> Nuclear Regulatory Commission ADQ42 V6.3.23.0
==== TCONS ===== Accession Number - 9902250042 ===== Start ==== End ==
Availability: PDR Format: ABS Microfilm Address: A6957-212 A6957-223
Size: 13pp.

Document Type: Pleadings Issued: 990212
Desc/: Orange County comments in opposition to no significant hazards
Title: determination & conditional request for stay of effectiveness.* Staff
: should withdraw proposed determination of NSHC for proposed amend to
: util license.
Authors: CURRAN,D. Affiliation Not Assigned
CURRAN,D. Harmon, Curran, Gallagher & Spielberg (formerly Harm
Recipients: * NRC - No Detailed Affiliation Given (Post 750119)

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

Other Related Number LA	990224	Docket Date
-------------------------	--------	-------------

File Locations: PDR ADOCK 05000400 G 990218 Package: 9902250031 B

Use HOME/TAB To View Additional Information. ENTER To View Text. ESCape To Exit
Count: *0 <Replace>

<<NUDOCS/AD>> Nuclear Regulatory Commission ADQ42 V6.3.23.0
==== TCONS ===== Accession Number - 9904080103 ===== Start ===== End =====
Availability: PDR Format: * Microfilm Address: A7535-086 A7535-271
Size: 42pp.

Document Type: Intervention Petitions, Responses & Conten Issued: 990405
Desc/: Orange County supplemental petition to intervene.* Informs that Orange
Title: County contentions should be admitted for litigation in proceeding.

Authors: CURRAN,D. Affiliation Not Assigned
CURRAN,D. Harmon, Curran, Gallagher & Spielberg (formerly Harm
Recipients: * Atomic Safety & Licensing Board Panel

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

Internal Tracking # DSB-299 20214 990407 Docket Date
Other Related Number LA

File Locations: PDR ADOCK 05000400 G 990405 Package: 9904080103 *

Use HOME/TAB To View Additional Information, ENTER To View Text, ESCape To Exit
Count: *0 <Replace>

<<NUDUCS/HD>> Nuclear Regulatory Commission HDQ42 V6.3.23.0
==== TCON11 ===== Accession Number - 9906030074 ===== Start ==== End ===
Availability: PDR Format: * Microfilm Address: A8264-001 A8266-068
Size: 1p.

Document Type: Incoming Correspondence Issued: 990525
Desc/: Forwards periodic update to FSAR for HNP.Amend 49 is current through
Title: 981128 (end of RFO 8).Some changes & analysis completed after 981128
: have also been included in amend.
:

Authors: SCAROLA,J. Carolina Power & Light Co.

Recipients: * Document Control Branch (Document Control Desk) (

Dockets: 05000400 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina

Other Related Number HNP-99-087

File Locations: PDR ADOCK 05000400 K 990525 Package: 9906030074 *

Use HOME/TAB To View Additional Information, ENTER To View Text, ESCape To Exit.
Count: *0 <Replace>