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 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400
 50-401 Shearon Harris Nuclear Power Plant, Unit 2, Carolina 05000401
 AUTH. NAME: BAGGETT, C. AUTHOR AFFILIATION: North Carolina, State of
 RECIP. NAME: KNIGHTON, G.W. RECIPIENT AFFILIATION: Licensing Branch 3

SUBJECT: Forwards comments from Dept of Human Resources re FES.. Chlorine used as biocide could result in trihalomethane formation in receiving waters requiring notification of water users.

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ACCI STATE: NORTH CAROLINA
FACIL: 200-300 Shearon Harris Nuclear Power Plant, Unit 1, Carolina
50-101 Shearon Harris Nuclear Power Plant, Unit 2, Carolina
AUTHOR: ALTHOR AFFILIATION
RECIPIENT: NORTH CAROLINA STATE OF
RECIPIENT AFFILIATION: RECIP: NAME
LICENSING BRANCH 3

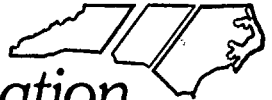
Subject: Forwards comments from Dept of Human Resources re RES.
Chlorine used as fluoride could result in trichloromethane
formation in receiving waters resulting notification of
water users.

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North Carolina
Department of Administration



116 West Jones Street

Raleigh 27611

James B. Hunt, Jr., Governor
Jane Smith Patterson, Secretary

Margaret C. Riddle
Coordinator
Office of Policy and Planning
(919) 733-4131

December 22, 1983

George W. Knighton, Chief
Licensing Branch No. 3
Division of Licensing
United State Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Knighton:

RE: SCH File #84-E-0000-5112; Issuance of Final Environmental
Statement - Shearon Harris Nuclear Power Plant, Units 1 and 2

The State Clearinghouse has received and reviewed the above referenced project. As a result of this review, the State Clearinghouse has received the attached comments from the North Carolina Department of Human Resources.

Thank you for the opportunity to review the above referenced document.

Sincerely,

Chrys Baggett (Mrs.)
Clearinghouse Director

CB/jcp

cc: Region "J"

Attachment

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The applicant should be advised that although an analysis of chlorine usage as a biocide at the facility has been carefully evaluated from several aspects, particularly with regard to total trihalomethane (TTHM) formation in the receiving waters there is a possibility that TTHM formation could occur in the receiving waters. In turn, this could create adverse treatment effects on down stream water treatment facilities. It is suggested that from time to time the applicant analyze water samples from selected sites in the receiving waters and a distance down stream to determine the extent of TTHM formation. If TTHMs are found, the water users on the Cape Fear River should be notified.

The application should also be advised that if the biocide use is changed from chlorine to another type of biocide that the Biocide Interagency Task Force be contacted to determine whether or not the proposed new biocide would have an adverse affect on the environment.

CER:chf



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DISTRIBUTION
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JLee (2)

DEC 16 1983

DOCKET NO(S). STN 50-400/401
The Honorable Richard Ottinger, Chairman
Subcommittee on Energy Conservation and Power
Committee on Energy and Commerce
United States House of Representative
Washington, D.C. 20515

SUBJECT: CAROLINA POWER & LIGHT COMPANY , ET. AL. - SHEARON HARRIS NUCLEAR
POWER PLANT, UNITS 1 AND 2

The following documents concerning our review of the subject facility are transmitted for your information.

- Notice of Receipt of Application.
- Draft/Final Environmental Statement, dated _____.
- Notice of Availability of Draft/Final Environmental Statement, dated _____.
- Safety Evaluation Report, or Supplement No. _____, dated November 1983.
- Notice of Hearing on Application for Construction Permit.
- Notice of Consideration of Issuance of Facility Operating License.
- Application and Safety Analysis Report, Volume _____.
- Amendment No. _____ to Application/SAR dated _____.
- Construction Permit No. CPPR- _____, Amendment No. _____, dated _____.
- Facility Operating License No. _____, Amendment No. _____, dated _____.
- Order Extending Construction Completion Date, dated _____.
- Other (Specify) _____

Office of Nuclear Reactor Regulation

Enclosures:
As stated

cc: Representative Carlos Moorhead
bcc: OCA

OFFICE▶	DL:LB#3.....						
SURNAME▶	JLee:ft.....						
DATE▶	12/15/83.....						



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DEC 16 1983

DOCKET NO(S). STN 50-400/401

The Honorable Alan Simpson, Chairman
Subcommittee on Nuclear Regulation
Committee on Environment and Public Works
United States Senate
Washington, D.C. 20515

SUBJECT: CAROLINA POWER & LIGHT COMPANY, ET. AL. - SHEARON HARRIS NUCLEAR
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Office of Nuclear Reactor Regulation

Enclosures:
As stated

cc: Senator Gary Hart

bcc: OCA

OFFICE▶	DL:LB#3						
SURNAME▶	JLee/ft						
DATE▶	12/15/83						



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