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           50-401 Shearon Harris Nuclear Power Plant, Unit 2, Carolina    05000401  
 AUTH. NAME                      AUTHOR AFFILIATION  
 HICKLING, W.C.                  Interior, Dept. of, Fish & Wildlife Service  
 RECIP. NAME                      RECIPIENT AFFILIATION  
 BALLARD, R.L.                      Environmental Engineering Branch

SUBJECT: Informs of endangered & threatened species in vicinity of site, as well as species under status review, in response to 820416 request. Formal consultation must be requested if determined that species might be affected.

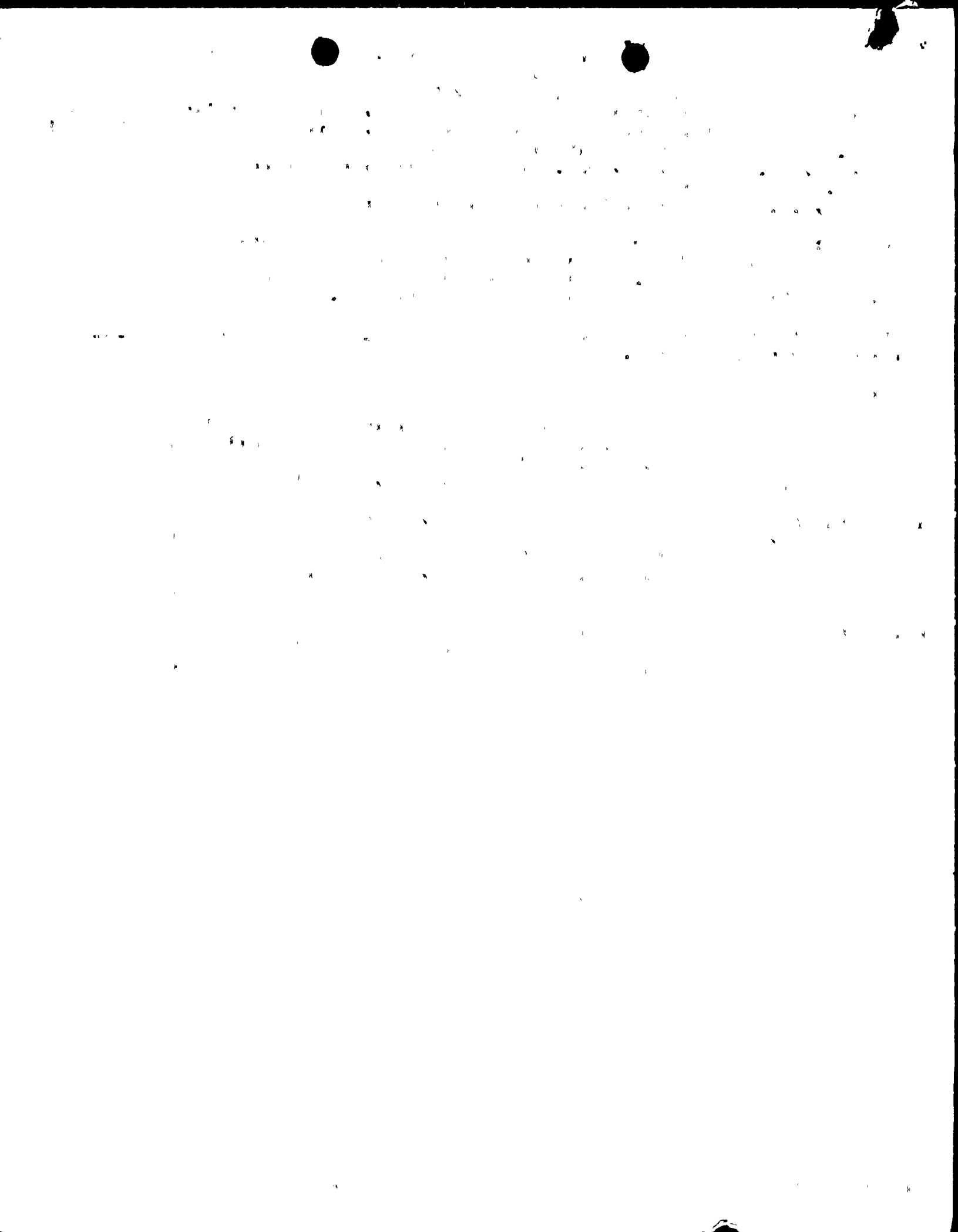
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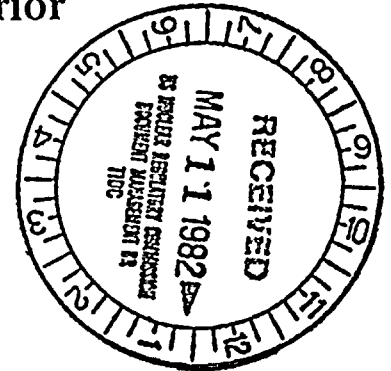




# United States Department of the Interior

FISH AND WILDLIFE SERVICE  
PLATEAU BUILDING, ROOM A-5  
50 SOUTH FRENCH BROAD AVENUE  
ASHEVILLE, NORTH CAROLINA 28801

May 7, 1982



Mr. Ronald L. Ballard, Chief  
Environmental Engineering Branch  
Division of Engineering  
Office of Nuclear Reactor Regulation  
Nuclear Regulatory Commission  
Washington, DC 20555

Re: 4-2-82-288

Dear Mr. Ballard:

We have reviewed the proposed operation of the Shearon Harris Nuclear Power Units Number 1 and 2, now under construction in Wake and Chatham Counties, North Carolina, as requested by letter of April 16, 1982, received May 6, 1982.

The following federally listed Endangered (E) and/or Threatened (T) and/or species proposed for listing as Endangered (PE) or Threatened (PT) may occur in the area of influence of this action:

## BIRDS

- Bald eagle - Haliaeetus leucocephalus (E)  
(known from Wake County as a transient)
- Red-cockaded woodpecker - Picoides borealis (E)  
(Resident in Wake and Chatham Counties)

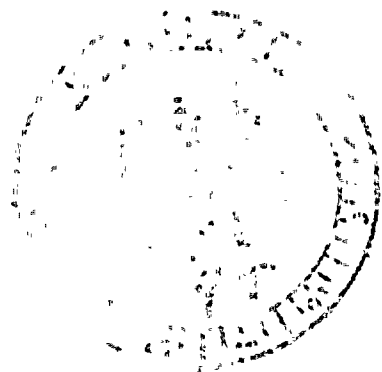
In addition to listed and proposed Endangered and Threatened species, there are species which, although not now listed or officially proposed for listing as Endangered or Threatened, are under status review (SR) by the Service and may be listed at some time in the future. Status review species are not legally protected under the Endangered Species Act and the biological assessment requirements do not apply to them. However, we would appreciate any efforts you might make to avoid adversely impacting them. The following species under status review may occur within the project area:

## PLANTS

- Lewis' heartleaf - Hexastylis lewisii  
(known from Wake County)
- Carolina trillium - Trillium pusillum var. pusillum  
(Wake County)
- Nestronia - Nestronia umbellula  
(Wake and Chatham Counties)
- Michaux' poison-sumac - Rhus michauxii  
(Wake County)
- Stream mock bishop-weed - Ptilimnium fluviatile  
(Chatham County)

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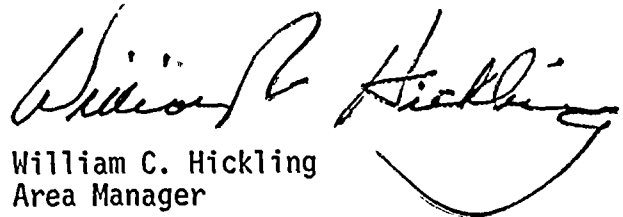
It is the responsibility of the Federal agency to determine if the proposed action "may affect" any of the listed species or Critical Habitats. If the determination is "may affect" for listed species, the Federal agency must request in writing formal consultation from this office. Requests for formal consultation must include: (1) a description of the action to be considered; (2) a description of the specific area that may be affected by the action; (3) a description of any listed species or Critical Habitat that may be affected by the action; (4) a description of the manner in which the action may affect any listed species or Critical Habitat and an assessment of any cumulative effects; (5) reports including any environmental impact statement, environmental assessment, or biological assessments prepared; and (6) any other relevant available information on the action, the affected listed species, or Critical Habitat.

Should you require additional information on this subject, please contact Mr. Gary Henry, Mr. Robert Currie, or Ms. Nora Murdock in the Asheville Area Office, FTS 672-0321, commercial 704/258-2850, ext. 321.

Attention is also directed to Section 7(d) of the Endangered Species Act, as amended, which underscores the requirement that the Federal agency and/or the permit or license applicant shall not make any irreversible or irretrievable commitment of resources during the consultation period which, in effect, would deny the formulation or implementation of reasonable alternatives regarding their actions on any listed Endangered or Threatened species.

If we can be of further assistance, please advise.

Sincerely yours,



William C. Hickling  
Area Manager

cc:

Mr. Stuart Critcher, NC Wildlife Res. Commission, Raleigh, NC  
Director, NC Natural Heritage Program, Raleigh, NC  
Mr. Rob Sutter, NC Dept of Agriculture, Pesticide & Plant Protection Div.,  
P.O. Box 27647, Raleigh, NC  
Director, FWS, Washington, DC (AFA/OES)  
Regional Director, FWS, Atlanta, GA (ARD-FA/SE)  
Field Supervisor, ES, FWS, Raleigh, NC

