



United States Department of the Interior

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

September 17, 1982

Mr. Paul S. Check, Director
CRBR Program Office
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

RE: 4-2-82-047

Dear Mr. Check:

We have reviewed your biological assessment of the endangered species impacts of the proposed Clinch River Breeder Reactor dated August 1982 as requested by your letter of August 16, 1982, received August 19, 1982.

Your assessment addresses the potential impacts of the proposed project on the following species:

1. Gray bat - Myotis grisescens (E)
2. White wartyback pearly mussel - Plethobasus cicatricosus (E)
3. Dromedary pearly mussel - Dromus dromas (E)
4. Yellow-blossom pearly mussel - Epioblasma florentina florentina (E)
5. Fine-rayed pigtoe - Fusconaia cuneolus (E)
6. Shiny pigtoe - Fusconaia edgariana (E)
7. Pink mucket pearly mussel - Lampsilis orbiculata (E)
8. Orange-footed pearly mussel - Plethobasus cooperianus (E)
9. Rough pigtoe - Pleurobema plenum (E)
10. Birdwing pearly mussel - Conradilla caelata (E)
11. Green-blossom pearly mussel - Epioblasma torulosa gubernaculum (E)
12. Alabama lamp pearly mussel - Lampsilis virescens (E)
13. Slender chub - Hybopsis cahnii (T)

In addition to these federally listed species, your assessment also addresses three species which are not currently listed or proposed for listing by the Service. These species are:

1. Appalachian bugbane (Cimicifuga rubifolia)
2. Carey's saxifrage (Saxifraga careyana)
3. Spiny river snail (Io fluvialis)

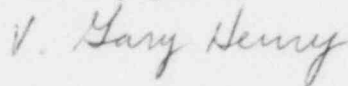
The distributional records maintained in this office indicate that these 16 species are the only federally listed, proposed, and status review species which may occur in the impact area of the Clinch River Breeder Reactor Project.

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Based upon the information presented and referenced in your assessment, we concur with your conclusion that this project will have no effect (either beneficial or adverse) on the federally listed species described above. The assessment indicates that populations of the two status review plants listed above are known from the project site and that these populations will be protected from disturbance both during construction and operation of the proposed project. The assessment demonstrates that the project will have no effect on the other status review species (spiny river snail). In view of this we believe that the requirements of Section 7 of the Endangered Species Act of 1973, as amended have been satisfied. However, obligations under Section 7 of the Act must be reconsidered if (1) new information reveals impacts of this identified action that may affect listed species or Critical Habitat in a manner not previously considered, (2) this action is subsequently modified in a manner which was not considered in this biological assessment, or (3) a new species is listed or Critical Habitat determined that may be affected by the identified action.

Your interest and initiative in protecting Endangered and Threatened species is appreciated.

Sincerely yours,



V. Gary Henry
Acting Field Supervisor
Endangered Species

cc:

Director, FWS, Washington, DC (OES)

Director, FWS, Washington, DC (PAO, Attention: Meg Durham)

Regional Director, FWS, Atlanta, GA (SE)

Cookeville ES Office, FWS, Cookeville, TN