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 AUTH. NAME TRIESCHMAN, W.E. AUTHOR AFFILIATION Army, Dept. of
 RECIP. NAME SELLS, D.E. RECIPIENT AFFILIATION Environmental Projects Branch 2

SUBJECT: Submits comments re DES draft suppl review. Clean Water Act conditions & mgt practices re propose dam encl. Document should address flood hazard of spillway overtopping.

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JUN 3 1980



DEPARTMENT OF THE ARMY
BALTIMORE DISTRICT, CORPS OF ENGINEERS
P.O. BOX 1715
BALTIMORE, MARYLAND 21203

REPLY TO ATTENTION OF:
NABPL-E

27 May 1980

Mr. Donald E. Sells
Acting Branch Chief
Environmental Projects Branch 2
Division of Site Safety & Environmental Analysis
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Sells:

Our office has reviewed the Susquehanna Steam Electric Station, Units One and Two, Draft Environmental Statement Draft Supplement, Conyngham Township of Luzerne County, Pennsylvania, in keeping with this office's direct responsibility. This agency's areas of concern are flood control hazard potentials, permit requirements under Section 404 of the Clean Water Act, and other direct and indirect impacts on Corps of Engineers existing and/or proposed projects. In accordance with these responsibilities, our office has the following comments:

a. The proposed dam is to be constructed in waters of the United States and is, therefore, subject to the regulatory authority of this office. However, since the proposed dam is to be constructed above the headwaters of Pond Hill Creek, the work is authorized under the provisions of a Department of the Army Nationwide Permit. The attached sheet describes the conditions which must be satisfied for the purposes of Section 404 of the Clean Water Act, and the Management Practices which should be followed, to the maximum extent practicable, in the discharges of dredged or fill material to minimize the adverse effects of these discharges on the aquatic environment. The proposed intake structure is to extend approximately 30 meters into the Susquehanna River, a navigable water of the United States, therefore, an individual Department of the Army permit for the intake would be required in accordance with Section 10 of the River and Harbor Act.

b. As noted in 4.4.2.3, Hydrologic Design on Dam, page 4-11, the proposed spillway would be inadequate for passing the PMF using NRC criteria. Thus, a potential flood hazard would exist from failure of the dam due to overtopping. The document should address this flood hazard.

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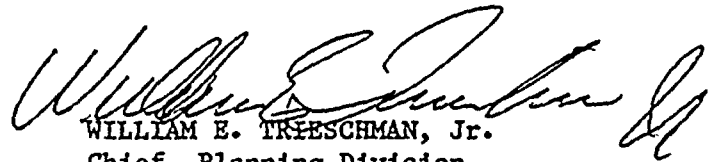
27 May 1980

Mr. Donald E. Sells

The Susquehanna Steam Electric Station, Units One and Two, project is not anticipated to have adverse effects on any existing upstream or downstream Corps of Engineers local flood protection projects on the Susquehanna River. No other existing or proposed Corps of Engineers projects are in the vicinity. The Baltimore District is, however, currently conducting the Cowanesque Lake Reformulation Study as an alternative water supply source to the Pond Hill Reservoir.

We appreciate the opportunity to comment on the Draft Environmental Statement Draft Supplement and if we can be of further assistance, please contact us.

Sincerely,



WILLIAM E. TREESCHMAN, Jr.
Chief, Planning Division

1 Incl
As stated

CONDITIONS

1. That the discharge will not destroy a threatened or endangered species as identified under the Endangered Species Act, or endanger the critical habitat of such species;
2. That the discharge will consist of suitable material free from toxic pollutants in other than trace quantities;
3. That the fill created by the discharge will be properly maintained to prevent erosion and other non-point sources of pollution; and
4. That the discharge will not occur in a component of the National Wild and Scenic River System or in a component of a State Wild and Scenic River System.

MANAGEMENT PRACTICES

1. Discharges of dredged or fill material into waters of the United States should be avoided or minimized through the use of other practical alternatives;
2. Discharges in spawning areas during spawning seasons should be avoided;
3. Discharges should not restrict or impede the movement of aquatic species indigenous to the waters or the passage of normal or expected high flows or cause the relocation of the waters (unless the primary purpose of the fill is to impound waters);
4. If the discharge creates an impoundment of water, adverse impacts on the aquatic system caused by the accelerated passage of water and/or the restriction of its flow, should be minimized;
5. Discharges on wetlands areas should be avoided;
6. Heavy equipment working in wetlands should be placed on mats;
7. Discharges into breeding and nesting areas for migratory waterfowl should be avoided; and
8. All temporary fills should be removed in their entirety.



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