

Duke Power Company  
Electric System Support  
13339 Hagers Ferry Road  
Huntersville, NC 28078-7929



**DUKE POWER**

April 10, 1996

J.T. Harris - CN01EM  
A.P. Jackson - CN03CH  
W.J. Davis - CN01CH  
W.B. Shoemaker - CN03MCX

Subject: Catawba Nuclear Station - York County, South Carolina  
Permit#76-2A-084  
Standby Nuclear Service Water Pond Level Increase to Elev. 574  
File: CN-702.11

Attached please find a copy of the approval letters from the Army Corp of Engineers and South Carolina Department of Health and Environmental Control for the January 25, 1996 application to raise the Standby Nuclear Service Water Pond elevation by two feet.

Should you have questions regarding these approvals please give me a call at (704) 875-5965.

Sincerely,

A handwritten signature in cursive script that reads "John Estridge".

John Estridge  
Environmental Division, Water Protection

jte/524

cc: Nuclear Regulatory Commission  
M.A. Lascara - MGO3A5

9604170041 960410  
PDR ADOCK 05000413  
P PDR

160044

COO1/1



DEPARTMENT OF THE ARMY  
 CHARLESTON DISTRICT CORPS OF ENGINEERS  
 P O BOX 919  
 CHARLESTON S C 29402-0919

ENVIRONMENTAL PROTECTION

APR 09 1996

REPLY TO  
 ATTENTION OF

April 1, 1996

FILE \_\_\_\_\_

TICKET \_\_\_\_\_

Regulatory Branch

COPY \_\_\_\_\_

Mr. John Estridge  
 Duke Power Company  
 13339 Hagers Ferry Road  
 Huntersville, North Carolina 28078-7929

ROUTE \_\_\_\_\_

Dear Mr. Estridge:

This is in response to your letter dated January 25, 1996, wherein you requested permission to raise the level of the Standby Nuclear Water Pond in Lake Wylie. The result of this activity would be an increase in the Standby Nuclear Service Pond level to 574' (a 2' increase).

A review of our files indicates that a permit for the Catawba Nuclear Station was issued on February 22, 1977 (#76-2A-084). Therefore, this office is hereby granting a modification to that permit to reflect the change on the attached drawings (Sheets 1-3 of 3 dated January 25, 1996). This change includes the replacement of an existing 1 foot steel plate located in the discharge headwall with a 3 foot steel or concrete plate.

Please attach this letter with the modified drawings to the original permit. All of the conditions to which the work is made subject remain in full force and effect. In that this work appears subject to the jurisdiction of the South Carolina Department of Health and Environmental Control, it is highly recommended that you contact that agency to ascertain their requirements in this matter.

Respectfully,

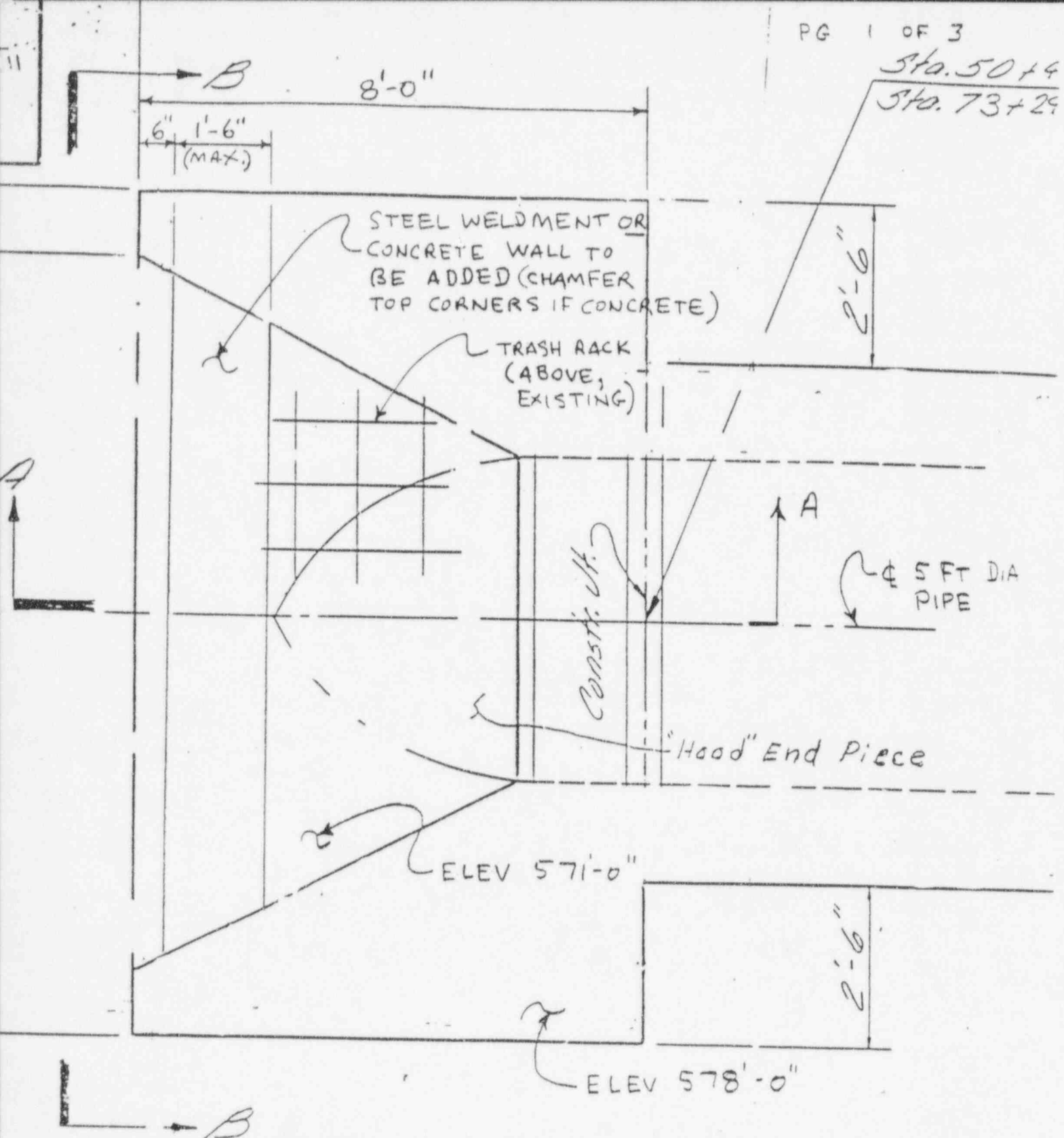
*Thomas F. Julich*  
 Thomas F. Julich  
 Lieutenant Colonel, U. S. Army  
 District Engineer

Enclosure

Copy Furnished:

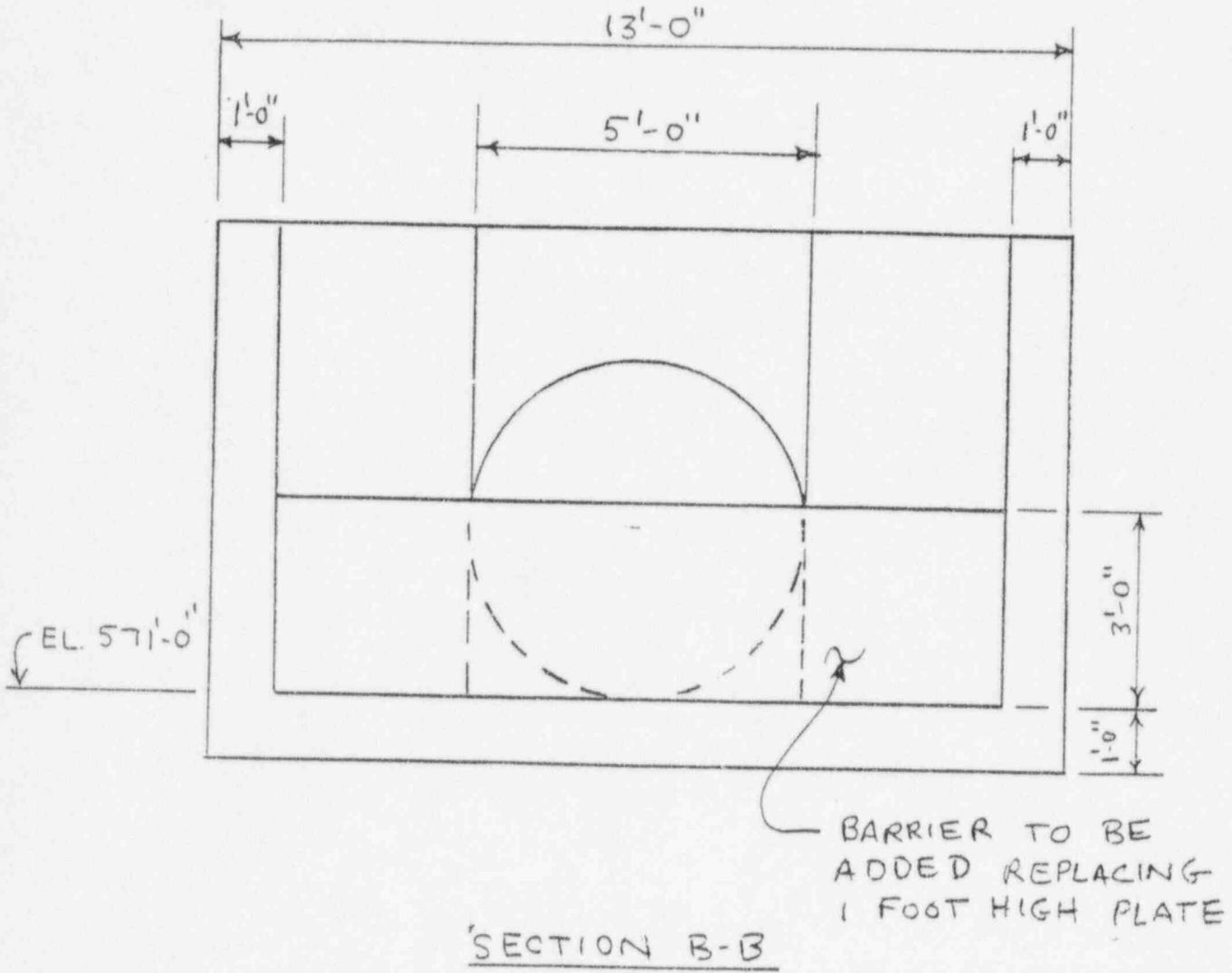
Ms. Rheta Geddings  
 South Carolina Department of  
 Health and Environmental Control  
 Bureau of Water Pollution Control  
 2600 Bull Street  
 Columbia, South Carolina 29201

Sta. 50+4  
Sta. 73+29



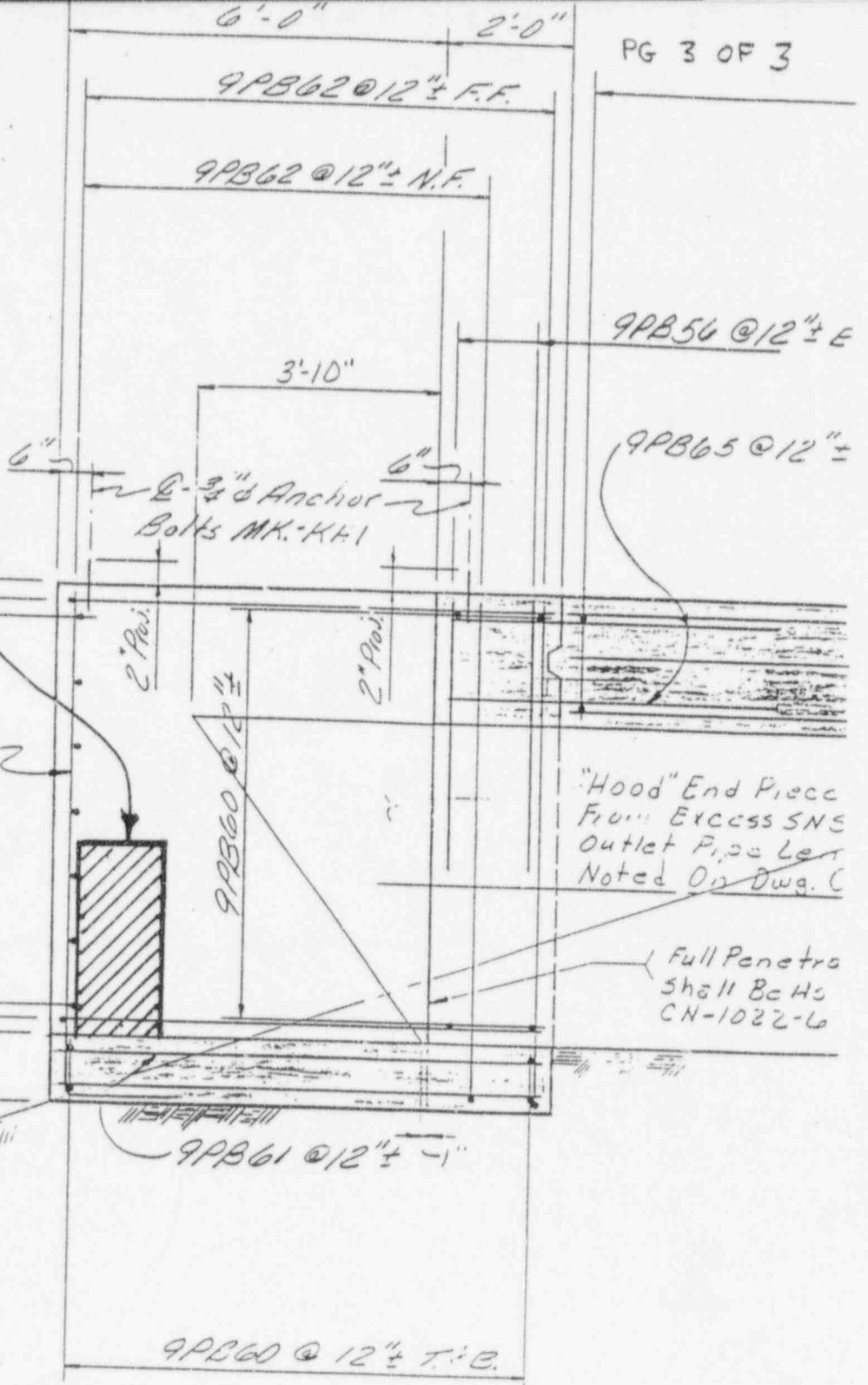
PLAN

SNSW POND DISCHARGE HEADWALL PROPOSED MODIF.  
REPLACE EXISTING ONE FOOT HIGH PLATE WITH  
3 FOOT HIGH CONCRETE OR STEEL BARRIER



STEEL WELDMENT OR WALL TO BE ADDED (BARRIER)

EI. 578.07



SECTION A-A

SEC  
Scale

NO. 1124.00-00-0010	
REMARKS	

South Carolina  
**DHEC**

Department of Health and Environmental Control  
2600 Dull Street, Columbia, SC 29201

Commissioner: Douglas E. Bryant

Board: John H. Burriss, Chairman  
William M. Hull, Jr., MD, Vice Chairman  
Roger Leaks, Jr., Secretary

Promoting Health, Protecting the Environment

Richard E. Jabbour, DDS  
Cyndi C. Mosteller  
Brian K. Smith  
Rodney L. Grandy

February 23, 1996

Tina Hadden, Project Manager  
Charleston District, Corps of Engineers  
P.O. Box 919  
Charleston, SC 29402

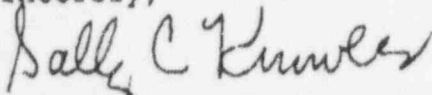
Re: Duke Power Co. Catawba Nuclear Station; P/N 76-2A-084  
Proposed Modification

Dear Ms. Hadden:

We have reviewed the proposed modification to the Standby Nuclear Service Water Pond which would raise the water level in the pond by 2 feet. The applicant states that the proposed work would inundate approximately 2.07 acres of wetlands surrounding the existing pond. This modification was submitted in a letter to the Corps of Engineers (COE) on January 25, 1996. The applicant states that this modification will provide additional cooling water to address operational concerns.

The Department and the COE approved a similar modification (raising the pond 1 foot) applied for on February 6, 1995. You indicated that, as with the previous modification, the COE did not consider the proposed modification to be a significant deviation from the existing permit, per conversation with Mark Giffin on February 22, 1996. The existing COE permit incorporates the State 401 Water Quality Certification which was issued with no conditions on May 12, 1976. Because of the length of time that has passed since issued, we no longer have a copy of the certification letter, however the 401 Water Quality Certification for this project remains valid. Because wetlands are likely to be created by raising the water level, as proposed, mitigation should not be necessary for existing wetlands impacted by inundation. Therefore, the proposed modification will not contravene water quality standards nor change classified uses of Lake Wylie and is consistent with the existing 401 Water Quality Certification.

Sincerely,



Sally C. Knowles, Director  
Division of Water Quality

SCK:MAG

cc: J.S. Carter, Technical System Manager, Duke Power Co.