



Thomas D. Gatlin
General Manager, Nuclear Plant Operations
803.345.4342

March 23, 2006

Ms. Melanie H. Hindman
Water Quality Assessments and Enforcement Division
Bureau of Water
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, SC 29201

Dear Ms. Hindman:

Subject: VIRGIL C. SUMMER NUCLEAR STATION
NOTIFICATION OF SEWAGE RELEASE
NPDES PERMIT NO. SC0030856

This letter is to provide the required five (5) day written notification for an unanticipated bypass from the aeration basin of Outfall 005, NPDES Permit No. SC0030856. At approximately 7:00 a.m. on March 20, 2006, the wastewater operator noticed a level drop in the aeration pond. Approximately 60,000 to 70,000 gallons of effluent from the aeration pond at Outfall 005 had backflowed through a broken pipe to spill untreated sewage in the adjacent field. The effluent then entered two storm drains which discharged through Outfall 013 with an ultimate discharge to the Broad River.

On identification of the bypass, telephone notification was made to the Central Midlands District Office at 8:25 a.m. on March 20, 2006. Following this notification, Mr. Brad Martin from the Central Midlands District Office made an onsite inspection to evaluate the situation.

V. C. Summer personnel took immediate action to place magnetic covers over the storm drains to prevent any further discharge from the facility grounds. Additionally, the main lift stations were secured, and a contractor (P&S) was contacted to pump the lift stations and repair the sewer line break. The repair to the sewer line was completed at approximately 8:00 p.m., and the system was placed back in service.

A copy of SCDHEC Form 3685 "Sewer System Overflow or Pump Station Failure Report Form" has been completed and is enclosed for your files. Should there be any questions, please contact Ms. Susan B. Reese at (803) 345-4591.

Very truly yours,

Thomas D. Gatlin

SBR/TDG/sbr
Enclosure

c: R. J. White
Central Midlands District Office
Document Control Desk
NRC Resident Inspector
J. W. Preston
M. B. Roberts

W. F. Bacon
NSRC
RTS (C-06-0967)
File (809.02-17)
DMS (RC-06-0060)

C001



Sewer System Overflow or Pump Station Failure Report Form

Please submit this form to the SCDHEC Bureau of Water, Compliance Assurance Division 2600 Bull St. Columbia, SC 29201
Form must be MAILED and/or FAXED to 803.898.4215
A copy of the form should be sent to the local EQC District Office

Permittee: SCE&G, Virgil C. Summer Nuclear Station Permit No: SC0030856 County: Fairfield
(If yours is a Collection System not owned or operated by a POTW, please include the name of the receiving POTW)

Date of SSO/Failure: 03/20/06 Time: 0700 (Military Format)

Date of DHEC notified: 03/20/06 Time: 0825

Name of person contacted at DHEC: Larry Boland

Description of Source (manhole, pump station, etc.): Aeration Basin Pump Station No.: NA
(Include any code or number used to identify pump stations)

Location of SSO/Failure: NPDES Outfall 005 Aeration Basin
(Street address or other appropriate description; include map if available)

Cause of SSO/Failure: Capped tee connection blew out in inlet line. Aeration basin backflowed through line break.
(Include any related weather information)

Control action taken: Manually isolated the aeration basin, secured all lift stations. Notified Operations and Maintenance Departments to initiate repairs. Tried to contain the leakage.

Describe corrective action taken: Secured back flow from aeration basin inlet line, secured lift station pumps at main lift stations (to prevent backflow), repaired the leak, disinfected the area, rinsed down storm drain. Spread lime over affected area.

Estimated volume of wastewater released: Approximately 70,000 gallons.

Did wastewater enter a stream or body of water? Yes No (Circle One)
(If discharge reaches any water already present in a conveyance, ditch, etc. it is considered to have reached waters of the State)

If Yes, Where? Outfall 013 ditch to Mayo Creek and ultimately Broad River.
(Show location on USGS map or copy thereof, include name of water body)

Were down stream water in-takes notified? Yes No N/A (Circle One) If Yes, Who? Columbia City Water Plant

Date correction action completed: 3/21/06 Time: 1230 (Military Format)

Date clean up action taken: 3/20/06 Time: 0715

Describe what was actually done in the clean up process?
Sprayed affected area with a 3% chlorine solution on 3/20/06. Sprayed same area again on 3/21/06 with a 3% chlorine solution.
Spread lime over affected area on 3/21/06. Washed down storm drain with filtered and potable water.

W. Frank Bacon
Name/Signature of Person Initiating Action

Phone #: 803-348-4156 Date: 3/22/06

W. Frank Bacon
Signature/Sewer System Owner or other Responsible Individual

Date: 3/22/06