



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
1002 WEST 23rd STREET, SUITE 350
PANAMA CITY, FLORIDA 32405-3648

REPLY TO
ATTENTION OF

February 5, 2009

Panama City Section
SAJ-2007-490 (NPR-GAH)

Jamie Hunter
Lead Environmental Specialist
Progress Energy Florida
PO Box 14042 - PEF 903
St. Petersburg, FL 33733

Dear Mr. Hunter:

Reference is made to the application received on February 4, 2009, in regard to your request for confirmation that a Department of the Army permit would not be required for the construction of a "roller compacted concrete test pad" at the proposed Levy County Nuclear Plant Site. The specific project site subject of this letter is located in Section 19, Township 16 South, Range 17 East, Levy County, Florida. The application has been assigned number SAJ-2007-490 (NPR-GAH).

The project as proposed will not require a Department of the Army permit in accordance with Section 10 of the Rivers and Harbors Act of 1899 as it is not located within the navigable waters of the United States. Furthermore, a permit will not be required in accordance with Section 404 of the Clean Water Act as it will not involve the discharge of dredged or fill material into waters of the United States. Provided the work is done in accordance with the enclosed project description and drawings, Department of the Army authorization will not be required.

Your project site may contain species protected by the Endangered Species Act (ESA) of 1972, as amended. You should contact your local U.S. Fish and Wildlife Service (FWS) office to determine if Federally listed species or their habitat are present on your project site. If it is determined that Federally listed species may be affected by the proposed project, authorization for "incidental take" may be required. FWS offices can be contacted by the following telephone numbers: Jacksonville at 904-232-2580, Panama City at 850-763-2177, St. Petersburg at 727-570-5398, or Vero Beach at 772-562-3909.

This letter does not obviate the requirement to obtain any other Federal, State, or local permits that may be necessary for your project. Should you have any questions, please contact the undersigned at the letterhead address or by telephone at (850)763-0717 ext. 25.

Thank you for your cooperation with our permit program. The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to take a few minutes to visit the following link and complete our automated Customer Service Survey: <http://regulatory.usacesurvey.com/>. Your input is appreciated - favorable or otherwise.

Sincerely,



Gordon A. Hambrick, III
Project Manager

Enclosures

Copies Furnished:
USNRC, Rockville, MD
FDEP, Jacksonville

PART 6: Describe in general terms the proposed project, system, or activity.

The overall construction is expected to require approximately 6 weeks. The proposed project involves construction of a 40' wide by 90' long by 6' thick roller compacted concrete (RCC) test pad to evaluate the structural suitability of local aggregate and concrete mix materials and RCC construction methods for the eventual construction of foundations for Levy County Nuclear Plant Units 1 and 2, pending site development approval. A previously disturbed area will be used for construction of the RCC test pad. The total area of disturbance at that site comprises an area of 0.858 acres. An RCC Ready-mix concrete batch plant will be assembled in a separate upland area that has not been previously disturbed. This second site comprises an area of 1.01 acres. The two sites are connected by a network of existing unimproved roads. Construction activity at either site will not impact any wetlands or surface waters. Both sites are level. The existing RCC test pad site is lightly graveled, and at the time of construction will be

surrounded by a double silt fence. The site for the RCC Ready-mix concrete batch plant is currently wooded with Southern Pine, as a remnant of former managed pine and pulpwood production. This area will be cleared and grubbed, leveled smooth, and lightly graveled to provide a stable surface for staging equipment and erection of the RCC Ready-mix concrete batch plant. That area will also be surrounded with a double silt fence. The area is currently flat, upland, and out of the wetlands delineated zones. There will be no significant change in final grade or elevations. There will be no spent/waste concrete mix or concrete wastewater disposal, or equipment washout onsite.

The amount of impervious surface created by the construction of the RCC test pad is not expected to exceed approximately 4000 square feet and under no circumstances will the area exceed the upper limit of 9000 square feet under the provisions of the applicable General Noticed Permit, Part 62-341.475(1)(d) of the Florida Administrative Code, "General Permit for Minor Activities". This RCC test pad is not for traffic use and will be removed at the completion of all required testing and evaluation.

The RCC Ready-mix concrete batch plant area will be a newly disturbed area. However, this area is part of the formerly managed forest site areas and has experienced prior impacts of planting, maintenance, and harvesting of pulpwood timber. It comprises an area of 1.01 acres. RCC test pad construction materials will be stockpiled in the vicinity of the RCC Ready-mix concrete batch plant once the area is cleared, layed out, and the batch plant erected. Erosion and Sedimentation (E & S) controls and Best Management Practices (BMPs) will be employed as appropriate. A double silt fence surrounding both areas of construction will be the primary structural control measure for erosion and sedimentation control. Coverage under the State's General NPDES permit for stormwater discharge associated with construction activities will be obtained by submitting a properly completed Notice of Intent (NOI) to the Florida Department of Environmental Protection (DEP) and developing and implementing a properly prepared Stormwater Pollution Prevention Plan (SWPPP).

The construction method for building the RCC test pad consists of roller compacted concrete fabrication techniques. Concrete materials will be mixed in the RCC Ready-mix concrete batch plant. Mixed product will be transported over connecting roads in standard concrete trucks. At the site where the pad will be constructed, the mixed concrete is placed in lifts of 12 inches thick. Unlike traditional concrete forming techniques, the concrete is in a relatively low moisture state which minimizes the potential for any concrete runoff or spatter. The concrete has sufficient moisture to properly cure. Further compaction by a proof-roller completes the process. The method is well proven in the construction of dams and other structures where large volumes of concrete are placed rapidly. And because the material is mixed and placed in a relatively dry state, the amount of wastewater and potential for impacted runoff is reduced. The total concrete placement activity is expected to require no more than two weeks. Geotechnical analyses will be ongoing for an extended period as the material cures. The RCC test pad will be removed when the analyses are complete.

PART 7.

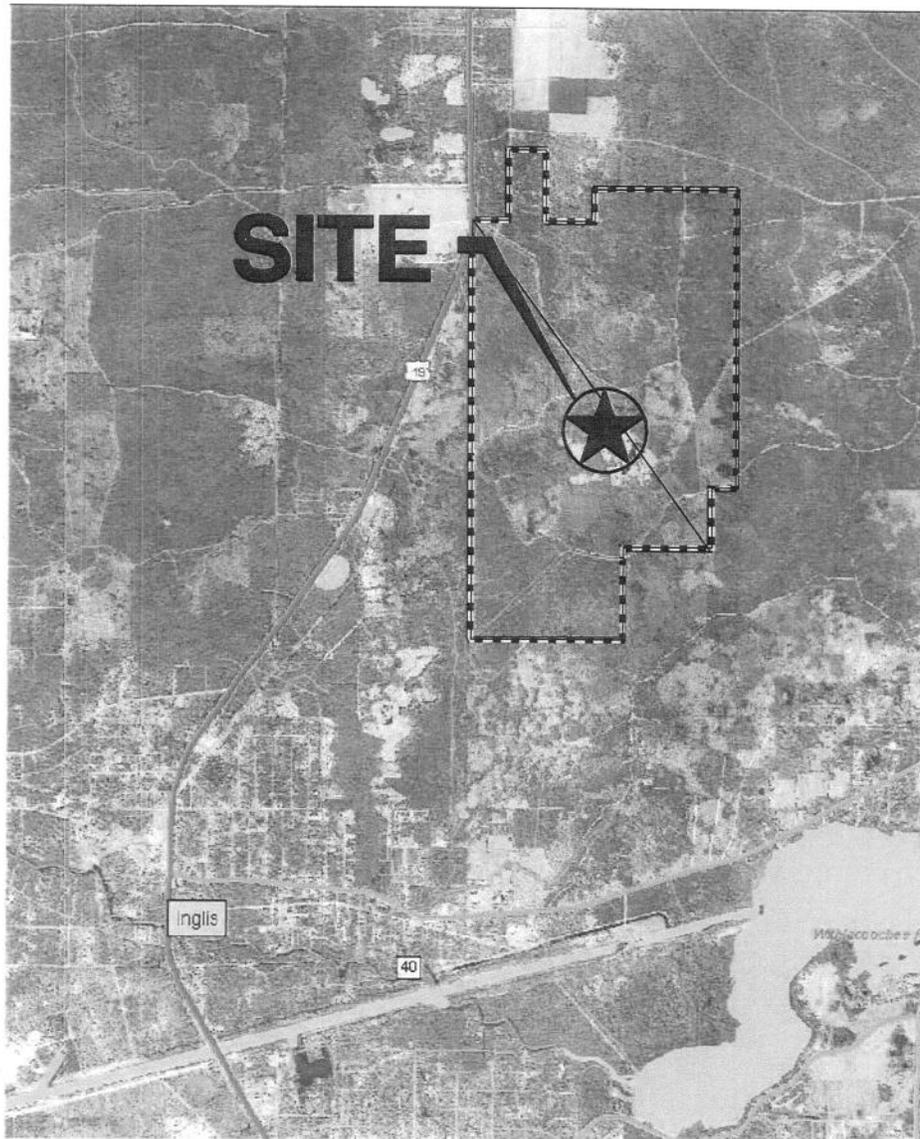
CAD FILE NUMBER 07-3935-A2

CHECKED BY APPROVED BY

B.F.R. 09/22/08

DRAWN BY

PLOT 1=1



LEVY COUNTY NUCLEAR PROJECT
SCALE



NOTE:

SITE IS LOCATED IN ALL OF SECTION 19, TOWNSHIP 16 SOUTH, RANGE 17 EAST.

Legend

- South Reactor
- North Reactor
- Site Boundary

FIGURE 1

SITE LOCATION AND
PROPERTY BOUNDARY
LEVY COUNTY NUCLEAR PROJECT
INGLIS, FLORIDA

PREPARED FOR

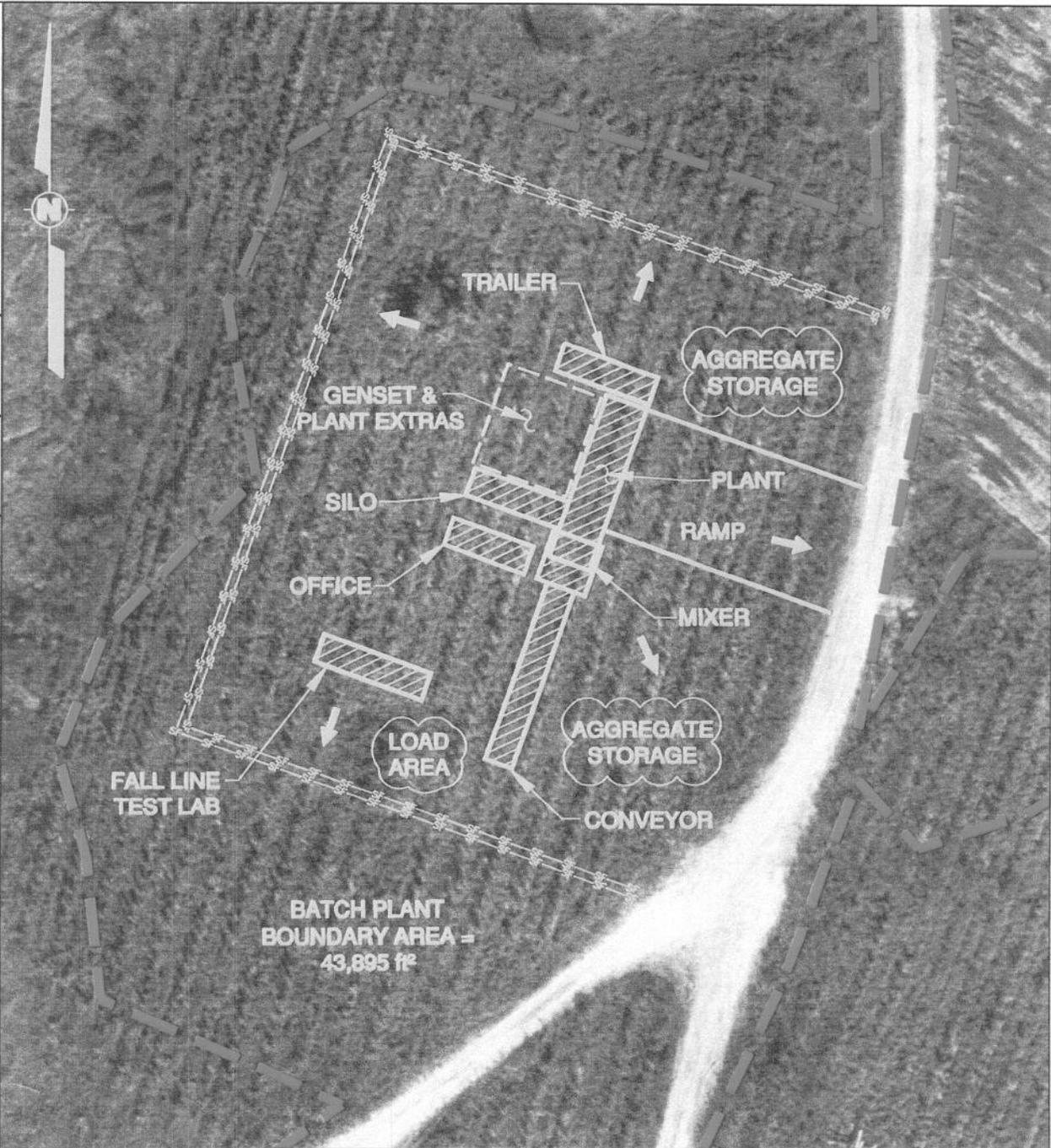
SARGENT & LUNDY
CHICAGO, ILLINOIS

CAD FILE NUMBER 07-3935-A3(M)

CHECKED BY GJA 09/22/08 APPROVED BY

DRAWN BY

PLOT 1=1



LEGEND:

-  SILT FENCE
-  WETLANDS BOUNDARY
-  SHEET FLOW



FIGURE 4
 BATCH PLANT AREA
 LEVY COUNTY NUCLEAR PROJECT
 INGLIS, FLORIDA
 PREPARED FOR
 SARGENT & LUNDY
 CHICAGO, ILLINOIS

 Paul C. Rizzo Associates, Inc.
 ENGINEERS & CONSULTANTS

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PLOT 1=1



LEGEND:

-  SILT FENCE
-  WETLANDS BOUNDARY
-  SHEET FLOW

SCALE



FIGURE 3

TEST PAD AREA
LEVY COUNTY NUCLEAR PROJECT
INGLIS, FLORIDA

PREPARED FOR

SARGENT & LUNDY
CHICAGO, ILLINOIS



Paul C. Rizzo Associates, Inc.
ENGINEERS & CONSULTANTS

Plot	1:1
DRAWN	C.Y.L.
BY	09-05-08
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APPROVED BY	
CD FILE	07-3935-E11(M)
NUMBER	



NOTES:

1. THE SITE IS CURRENTLY FLAT AND LEVEL AND WITHOUT ANY SIGNIFICANT SLOPES. THEREFORE, THE TEST PAD AND GRADING PERFORMED UNDER THE TEST PAD WILL REMAIN THE BCC BATCH PLANT LOCATION AND THE SLOPES WILL REMAIN THE SAME AS THE ORIGINAL BCC BATCH PLANT PERIMETER OF THE SITE PASSING THROUGH THE SILT FENCE.
2. THE ENTIRE AREA WITHIN THE DOUBLE SILT FENCE IS THE AREA OF POTENTIAL DISTURBANCE. ALTHOUGH GRADING WILL NOT BE PERFORMED, THE ENTIRE SITE AREA AT BOTH SLOPES WILL BE DISTURBED BY THE CONSTRUCTION AND WILL POTENTIALLY BE DISTURBED BY THESE MINOR INVASIVE ACTIVITIES.
3. ALL AREAS OUTSIDE THE DOUBLE SILT FENCE WILL NOT BE DISTURBED.
4. NO STRUCTURAL CONTROLS ARE BEING USED, BECAUSE THE TEST PAD IS BEING CONSTRUCTED ON A FLAT AREA AND THE SITE DRAINS WELL. DOUBLE SILT FENCE IS THE ONLY NON-STRUCTURAL CONTROL AND WILL ENCOMPASS THE PERIMETER OF EACH SITE.
5. UPON COMPLETION OF CONSTRUCTION AND APPROPRIATE REGULATION OF THE TEST PAD, ALL EXCESSIVE MATERIALS WILL BE REMOVED AND THE TEST PAD DEMOLISHED AND ADJACENT AREAS WILL BE RESTORED TO ORIGINAL CONDITION. SEEDING AND LEFT WITH NO FURTHER DISTURBANCE. THESE AREAS WILL BE LEFT OPEN WITH SILT FENCE USED FOR EQUIPMENT STORAGE AND PARKING. TO BE USED FOR EQUIPMENT STORAGE AND PARKING.
6. THERE ARE NO ON-SITE MINOR STORMWATER DRAINAGE & SYSTEMS. ALL STORMWATER PERCOLATES INTO GROUNDWATER OR RUNS AS SHEET FLOW AND DISCHARGES INTO THE WETLANDS AREA AS A NON-POINT SOURCE DISCHARGE.
7. THE AREAS OF CONSTRUCTION ARE LOCATED IN SECTION 19 TOWNSHIP 16 SOUTH, RANGE 17 EAST.

LEGEND:



FIGURE 2

**TEST PAD AND
PLANT SITE LAYOUT**
LEVY COUNTY NUCLEAR PROJECT
INGLIS, FLORIDA
PREPARED FOR
SARGENT & LUNDY
CHICAGO, ILLINOIS

PC2 Paul C. Rizzo Associates, Inc.
ENGINEERS & CONSULTANTS

Progress Energy Florida
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