

From: "Davis, James T." <JTDAVIS@southernco.com>
To: "Christian Araguas" <CJA2@nrc.gov>
Date: 11/7/2007 10:53:49 AM
Subject: FW: Vogtle Backfill Test Pad

Christian,

Here is our schedule and a construction drawing for the test pad we are developing to get some field shear wave data for the backfill material. If your reviewers would be interested in a site visit to observe these activities let me know.

Jim Davis
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From: McCallum, Thomas O.
Sent: Wednesday, November 07, 2007 9:31 AM
To: Aughtman, Amy G.; Davis, James T.
Cc: Pierce, Chuck R.
Subject: FW: Vogtle Backfill Test Pad

These are the latest documents on the test pad, for your discussion with the NRC. I have already provided these to Chuck Ogle in Region II.

<<23162-000-C2K-0000-00002-00A - Test Pad Location Plan and Section.tif>>
<<Test Pad Phase 1.pdf>>

From: McCallum, Thomas O.
Sent: Tuesday, November 06, 2007 2:22 PM

To: 'cro@nrc.gov'
Cc: Pierce, Chuck R.; Davis, James T.; Giddens, John M.; Lee, Greg; Page, Fred I.
Subject: RE: Vogtle Backfill Test Pad

This is the final version of the sketch I sent you earlier today.

From: McCallum, Thomas O.
Sent: Tuesday, November 06, 2007 1:18 PM
To: cro@nrc.gov
Cc: Pierce, Chuck R.; Davis, James T.; Giddens, John M.; Lee, Greg; Page, Fred I.
Subject: Vogtle Backfill Test Pad

Chuck - as we discussed I am sending you two files related to our Phase 1 backfill test pad effort. The first is a schedule and the second is the sketch showing the general layout and sections for the pad. As we discussed, the test pad consists of backfill only, with no concrete placement. The pad will be used for data collection only and will be removed as part of the power block excavation.

If you have any questions please contact myself or our licensing manager, Chuck Pierce at 205-992-7872.

<< File: Test Pad Phase 1.pdf >> << File: TEST PAD SKETCH AND SECTIONS 1.pdf >>

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Hearing Identifier: Vogtle_Non_Public
Email Number: 7718

Mail Envelope Properties (47553D1A.HQGWDO01.TWGWPO04.200.2000014.1.111603.1)

Subject: FW: Vogtle Backfill Test Pad
Creation Date: 11/7/2007 10:53:49 AM
From: "Davis, James T." <JTDAVIS@southernco.com>

Created By: JTDAVIS@southernco.com

Recipients

"Christian Araguas" <CJA2@nrc.gov>

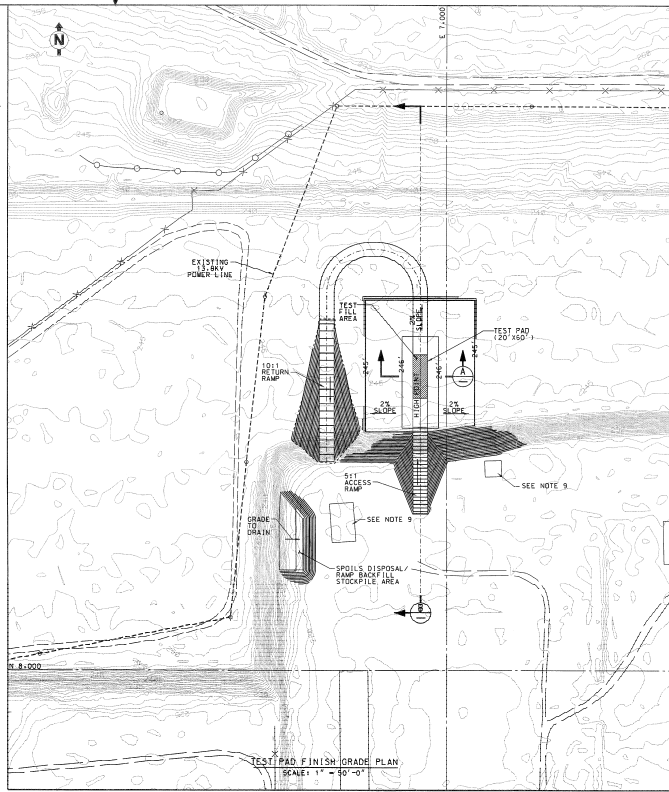
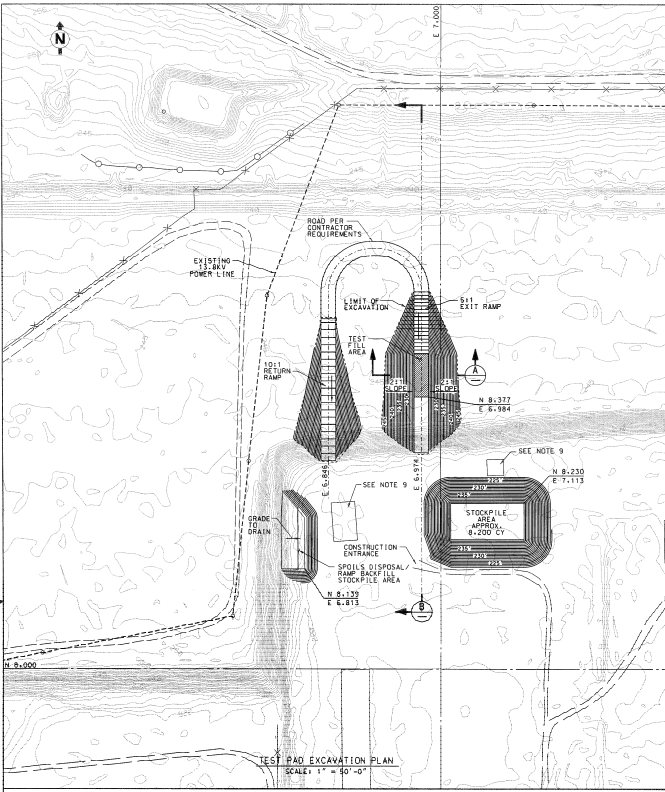
Post Office TWGWPO04.HQGWDO01
Route nrc.gov

Files	Size	Date & Time
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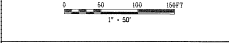
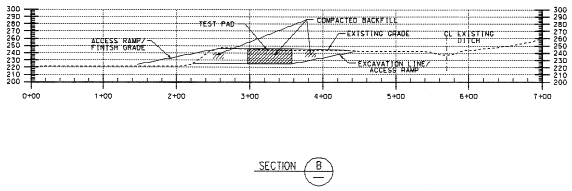
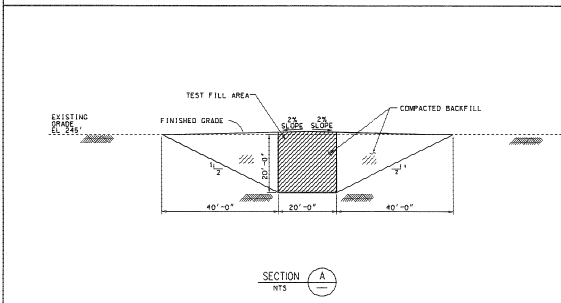
Options

Priority: Standard
Reply Requested: No
Return Notification: None
None

Concealed Subject: No
Security: Standard



- GENERAL NOTES
1. THE GRID SYSTEM SHOWN IS DESIGNATED "PLANT GRID SYSTEM". THE FOLLOWING FACTORS MAY BE APPLIED TO CONVERT TO THE STATE GRID SYSTEM: GRID NORTH = 133,000 + STATE NORTH; PLANT EAST = 64,000 + STATE EAST.
 2. STATE GRID SYSTEM IS DEFINED AS GEORGIA EAST STATE PLANE, HIGHEST HORIZONTAL DATUM, EXISTING CONTOURS SHOWN ARE IN NAVD83 VERTICAL DATUM.
 3. ALL WORK SHALL BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL JURISDICTIONAL AND OSHA REQUIREMENTS, AS APPLICABLE.
 4. SOIL EROSION AND SEDIMENT CONTROL SHALL BE BY OTHERS.
 5. CLEARING, DRAINING, EXCAVATION, BACKFILL, COMPACTION AND TESTING SHALL BE IN ACCORDANCE WITH SDC SPECIFICATIONS.
 6. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO AVOID EXISTING 13.8 KV POWERLINE AND POLES.
 7. CONTRACTOR SHALL VERIFY THAT THE CONSTRUCTION AREA IS FREE AND CLEAR OF UNDERGROUND UTILITIES.
 8. TESTING LAYOUT SHALL BE BY OTHERS.
 9. EXISTING CONCRETE PADS MAY BE COVERED.
 10. THE RESPONSIBILITY FOR SPOOLS, STOCKPILE AND FINISH SLOPE STABILITY SHALL BE BY OTHERS. 2' ADJACENTIAL TO 1:1 VERTICAL SLOPES ARE SHOWN ON PLAN FOR ALL FINISHED SLOPES.
 11. PERMIT DRAWINGS AND APPLICATION BY OTHERS.



SOUTHERN NUCLEAR OPERATING COMPANY, INC.
BIRMINGHAM, ALABAMA

BECHTEL
FREDERICH, MD

VOGTLE ELECTRIC GENERATING PLANT

TEST PAD LOCATION
PLAN AND SECTION

THIS DOCUMENT CONTAINS PROPRIETARY, CONFIDENTIAL, AND/OR TRADE SECRET INFORMATION OF THE SUBSIDIARIES OF THE SOUTHERN COMPANY OR OF THIRD PARTIES. IT IS INTENDED FOR USE ONLY BY EMPLOYEES OF OR AUTHORIZED CONTRACTORS OF THE SUBSIDIARIES OF THE SOUTHERN COMPANY. UNAUTHORIZED POSSESSION, USE, DISTRIBUTION, COPYING, DISSEMINATION OR DISCLOSURE OF ANY PORTION HEREOF IS PROHIBITED.

ISSUED FOR CONCEPT	DATE	BY	CHK	APP	REV
NO					
REVISION/VER.	DATE	BY	CHK	APP	REV

SCALE: 1"=30'

2362-000-C2K-00002

SV0-0000-COR-2002

B 7 6 5 4 3 2 1

ID	Icon	Task Name	Resource Names	Start	Finish	Duration	t 21, '07							Oct	
							M	T	W	T	F	S	S	M	
1	✓	Stormwater Application submitted to SNC	Mactec-Hill	10/22/07	10/31/07	9 edays									
2	✓	GPC approves Stormwater Application	SNC-Montz	10/31/07	11/2/07	2 edays									
3	✓	Stormwater Application in Georgia EPD office	SNC-Montz	11/2/07	11/2/07	0 days									
4		Stormwater Application review time (two weeks)	GEPD	11/2/07	11/15/07	13 edays									
5	📅	Procedure Approved	Redd	10/24/07	11/8/07	8 days									
6	✓	Test Pad Sketch	Bechtel	10/24/07	10/31/07	7 edays									
7	📅	Survey area	GPC-Boysen	11/5/07	11/10/07	5 edays									
8	📅	Review of underground utilities	NC-Mancuso	11/5/07	11/10/07	5 edays									
9		UG Survey	Mactec	11/12/07	11/13/07	1 day?									
10	📅	Mactec - mobilize, badging, lab setup	Mactec	11/12/07	11/17/07	5 edays									
11	📅	Miles - badging, training, mobilization	Miles	11/13/07	11/15/07	2 edays									
12		Install stormwater features	Miles	11/15/07	11/21/07	6 edays									
13	📅	Inspect stormwater features	Mactec-Hill	11/26/07	11/26/07	4 hrs?									
14		Perform excavations, stockpile borrow, construct return road	Miles	11/26/07	11/29/07	3 edays									
15		8ehr	Miles	11/29/07	11/29/07	6 ehrrs									
16	📅	UT Training, badging mobilize	UT	11/28/07	11/28/07	8 ehrrs									
17		SASW (base)	UT	11/29/07	11/29/07	2 ehrrs									
18		Place backfill to +5 ft	Miles	11/29/07	12/3/07	4 edays									
19		SASW (Base+5)	UT	12/3/07	12/3/07	2 ehrrs									
20		Place backfill to +10 ft	Miles	12/3/07	12/6/07	3 edays									
21		SASW (Base+10)	UT	12/6/07	12/7/07	2 ehrrs									
22		Place backfill to +15 ft	Miles	12/7/07	12/11/07	4 edays									
23		SASW (Base+15)	UT	12/11/07	12/11/07	2 ehrrs									
24		Place backfill to final grade	Miles	12/11/07	12/14/07	3 edays									
25		Install final stormwater features, demob	Miles	12/17/07	12/21/07	4 edays									
26	📅	Drillers - badging, mobilize	Mactec	12/11/07	12/13/07	2 edays									
27	📅	Install three cross-hole test borings (SPT and case)	Mactec	12/14/07	12/19/07	5 edays									
28		SASW (Final grade)	UT	12/19/07	12/19/07	2 ehrrs									
29		Cross-hole testing	UT	12/19/07	12/20/07	1 eday									
30		Draft Report from Mactec	Mactec	12/20/07	1/24/08	5 ewks									
31		SNC Comments	McCallum	1/24/08	2/7/08	2 ewks									
32		Final Report from Mactec	Mactec	2/7/08	2/21/08	2 ewks									

Project: Test Pad Date: 11/6/07	Task		Progress		Summary
	Split		Milestone		Project Summary