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Vogle Project

March 14, 1988

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

File: X7BC35
Log: GN-1435

PLANT VOGTLE - UNITS 1 AND 2
NRC DOCKETS 50-424, 50-425
OPERATING LICENSE NPF-68, CONSTRUCTION PERMIT CPPR-109
GROUNDWATER MONITORING PROGRAM

Gentlemen:

The Vogle Electric Generating Plant (VEGP) groundwater monitoring program was initiated in July 1985, and is currently in its third year. There are 35 wells in the program, of which 17 monitor the water-table aquifer. One of these latter wells, well 807A, has been damaged more than once as a result of construction activities. It is located in a switchyard under high voltage lines. Previously, the well has been effectively repaired, but the last damage (i.e., breaks in the casing) resulted in obstructions in the well that prevent measuring water levels.

The soil around the well was carefully excavated to a depth of 10 feet and casing to that depth was replaced, removing the first obstruction at an approximate depth of 8 feet. However, following that work, a second obstruction was identified at a depth of 60 feet. Attempts to bypass the second obstruction with a measuring tape have been unsuccessful. Any further attempts to clear the well of the second obstruction would require the use of a drill rig, but the high voltage lines of the switchyard preclude ready access. Proper restoration of well 807A would require temporary removal of the high voltage lines for repair access, and possible interruption of plant operation.

Well 807A, which is 600 feet north of the power block excavation, is not critical to the monitoring program. This area of the unconfined aquifer is adequately monitored by wells 129 and 806B; they are between 807A and the power block, and are within 325 feet of 807A.

The attached Table 1 lists the wells in the monitoring program, and Figure 1 shows their locations.

Based on the above discussion, Georgia Power Company has decided to seal and abandon well 807A. Sealing will be accomplished per approved site procedures and is scheduled for June 1988.

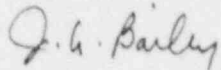
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Should you have any questions, please inquire before June 1988.

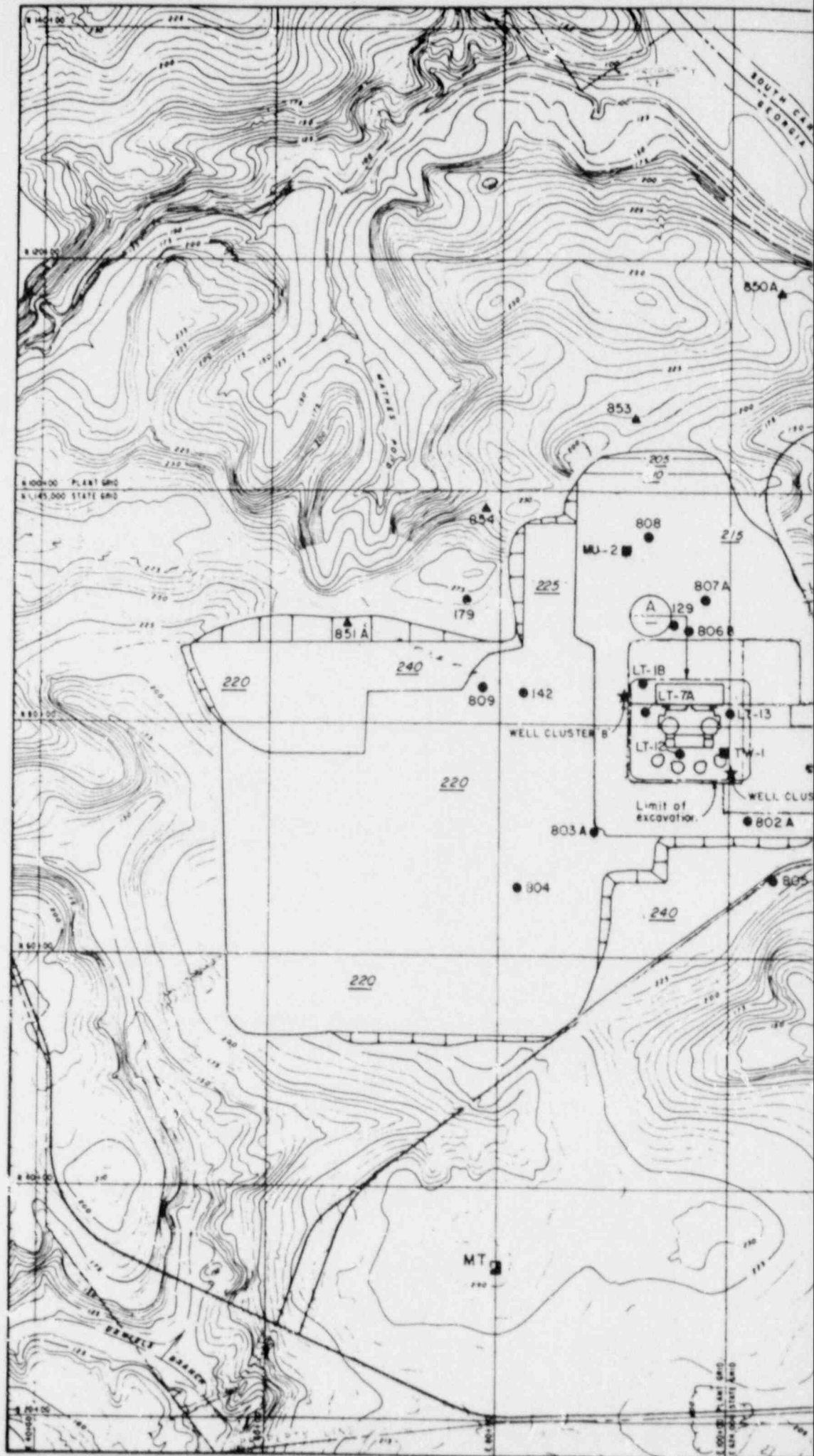
Sincerely,



J. A. Bailey
Project Licensing Manager

JAB/wk1
Attachment

xc: NRC Regional Administrator
NRC Resident Inspector
P. D. Rice
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R. A. Thomas
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Vogtle Project File



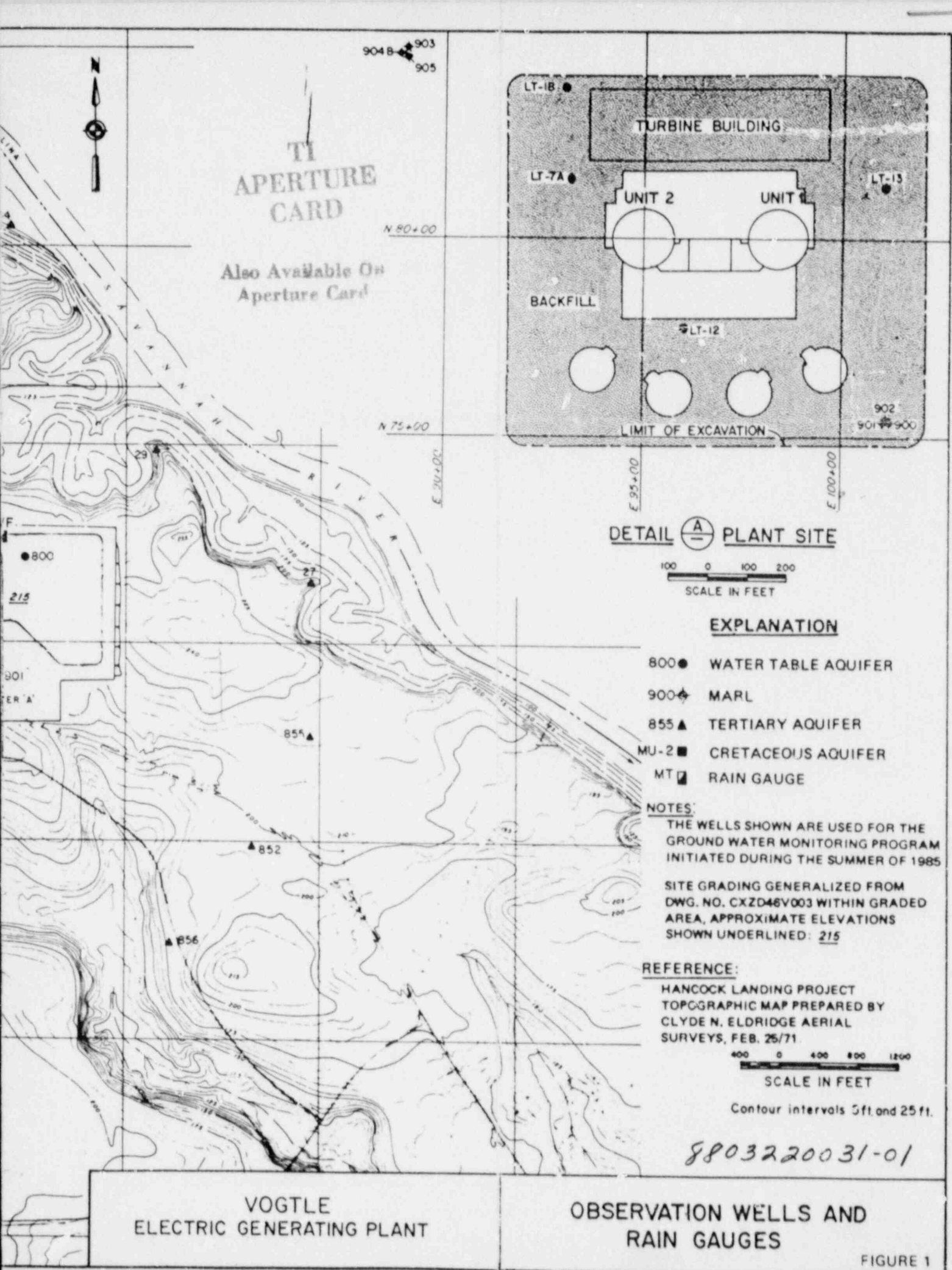


TABLE 1

OBSERVATION WELLS AT PLANT VOGTLE

Unconfined (Water Table) Aquifer

LT-1B	
LT-7A	
LT-12	Wells in powerblock structural backfill
LT-13*	

129	801	805A
142	802A	806B
179	803A	807A
800	804	808*
		809

*To be equipped with continuous monitoring recorders

Marl Aquiclude

900	
901	Observation well Cluster A
902	

903	
904B	Observation well Cluster B
905	

Confined (Tertiary) Aquifer

27	852
29	853
34	854
850A	855
851A	856

Confined (Tuscaloosa) Aquifer

TW-1	MU-2
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