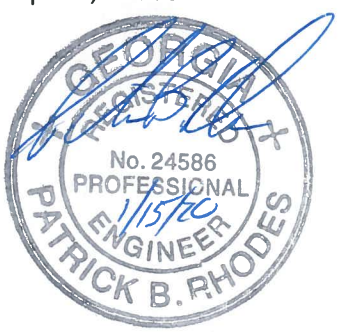
257.83 (b) (2)	REPORT OF ANNUAL INSPECTION OF CCR SURFACE IMPOUNDMENT			
	FACILITY NAME: Plant Scherer Ash Pond			
	OWNER/OPERATOR OF FACILITY: Georgia Power Company			
	INSPECTION DATE: December 4, 2019			
	INSPECTING ENGINEER: Patrick B. Rhodes, PE (GA Reg. # PE024586)			
(i)	**ANY CHANGES IN GEOMETRY OF THE IMPOUNDING STRUCTURE SINCE THE PREVIOUS ANNUAL INSPECTION?**			**No**
	(IF YES, DESCRIBE):			
(ii)	**LOCATION AND TYPE OF EXISTING INSTRUMENTATION**			**SEE ATTACHED PLAN**
(ii)	**MAXIMUM RECORDED READING OF EACH INSTRUMENT SINCE PREVIOUS ANNUAL INSPECTION**			**SEE ATTACHED TABLES**
	APPROXIMATE MINIMUM, MAXIMUM AND PRESENT DEPTH AND ELEVATION OF THE IMPOUNDED WATER SINCE PREVIOUS ANNUAL INSPECTION			
	MIN. DEPTH: 0 FT (ASH DELTA PRESENT)	MAX. DEPTH: 63 FT	PRESENT DEPTH: Up to 61 FT	
	MIN. ELEVATION: 493 FT	MAX. ELEVATION: 496 FT	PRESENT. ELEVATION: 493.3FT	
(iii)	**APPROXIMATE MINIMUM, MAXIMUM AND PRESENT DEPTH AND ELEVATION OF CCR SINCE PREVIOUS ANNUAL INSPECTION.**			
	MIN. DEPTH: 1 FT	MAX. DEPTH: 87 FT	PRESENT DEPTH: Up to 87 FT	
(iv)	MIN. ELEVATION: 420 FT	MAX. ELEVATION: 505 FT*	PRESENT ELEVATION: 497 FT*	
(iv)	**APPROXIMATE STORAGE CAPACITY OF IMPOUNDING STRUCTURE AT TIME OF INSPECTION.**		29,846,667 yd^3	
(v)	**APPROXIMATE VOLUME OF IMPOUNDED WATER AND CCR AT TIME OF INSPECTION**	**WATER:** 11,761,000 yd^3	**CCR:** 15,616,350 yd^3	
(vi)	**ANY APPEARANCE OF AN ACTUAL OR POTENTIAL STRUCTURAL WEAKNESS OF THE CCR UNIT, IN ADDITION TO ANY EXISTING CONDITIONS THAT ARE DISRUPTING OR HAVE THE POTENTIAL TO DISRUPT THE OPERATION AND SAFETY OF THE CCR UNIT AND APPURTENANT STRUCTURES?**			**No**
	(IF YES, DESCRIBE):			
(vii)	**ANY OTHER CHANGE(S) WHICH MAY HAVE AFFECTED THE STABILITY OR OPERATION SINCE THE PREVIOUS ANNUAL INSPECTION?**			**No**
	(IF YES, DESCRIBE):			

* Highest elevation of CCR at approximately 505 ft is at several locations in south part of pond, not at location of deepest CCR

- Cubic yard estimates are derived by qualified personnel from available information.



PLANT SCHERER ASH POND

MAXIMUM RECORDED READINGS OF INSTRUMENTATION

PIEZOMETERS AT STATION 21+50

PIEZOMETER NUMBER	MAXIMUM RECORDED READING*
AP10	EL 476
AP11	EL 477
AP13	EL 477
AP14	EL 478
APA2	EL 473
APA2A	EL 473
APA3	EL 475
APA3A	EL 475
APA4A	EL 482
APA5	EL 474
APA5A	EL 476
AP12R (AP12)	EL 479
AP12A	EL 467

*MAXIMUM RECORDED READING SINCE LAST ANNUAL INSPECTION; ROUNDED TO NEAREST FOOT

PIEZOMETERS AT STATION 42+00

PIEZOMETER NUMBER	MAXIMUM RECORDED READING*
AP1R	EL 441
AP2	EL 471
AP3	EL 437
AP4	EL 422
AP5	EL 422
AP8R	EL 415
AP9R	EL 414

*MAXIMUM RECORDED READING SINCE LAST ANNUAL INSPECTION; ROUNDED TO NEAREST FOOT

PIEZOMETERS AT STATION 75+40

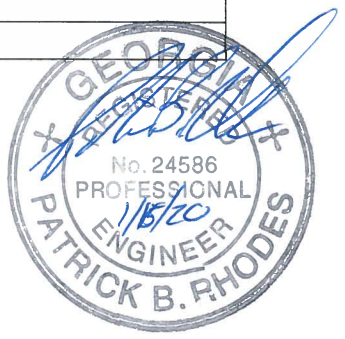
PIEZOMETER NUMBER	MAXIMUM RECORDED READING*
AP6	EL 479
AP7	EL 479

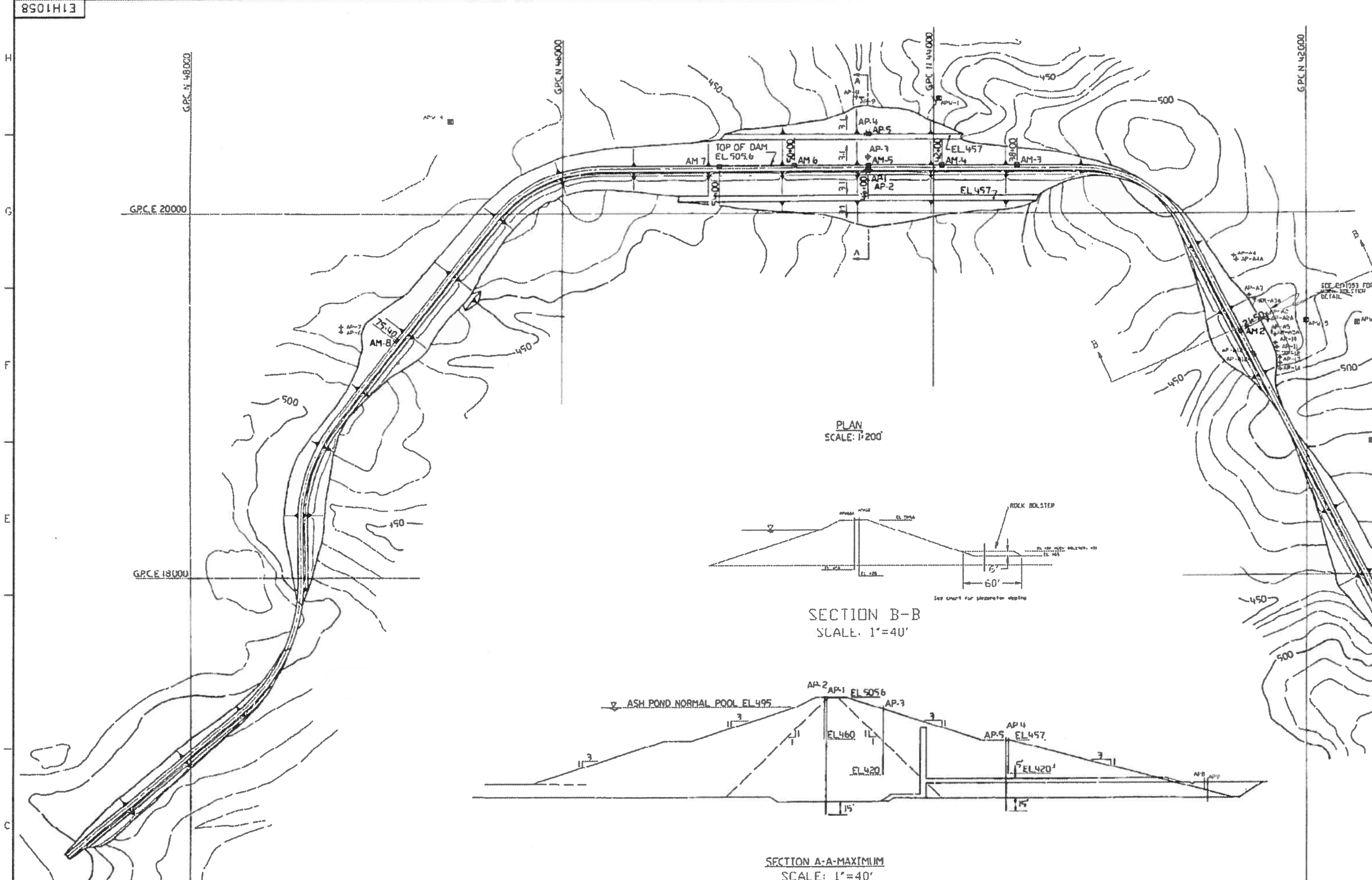
*MAXIMUM RECORDED READING SINCE LAST ANNUAL INSPECTION; ROUNDED TO NEAREST FOOT

TOE DRAIN SUMP FLOWS*

PUMP NUMBER	MAXIMUM MEASURED FLOW
PS-1	28 gpm
PS-2	4 gpm
PS-5	32 gpm
PS-6	2 gpm

*TOE DRAIN FLOWS COLLECTED IN A SUMP AND PUMPED BACK INTO ASH POND





LEGEND:
- PIEZOMETER
- SURFACE MONUMENT
- DRAIN OR WEIR FLOW MEASUREMENT LOCATION

NOTES:
1. OPEN STANDPIPE PIEZOMETERS SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLAN VIEW. FOR DETAILS OF PIEZOMETER SEE DWG. E1H1059.
2. THE DEPTHS OF THE TIPS OF THE PIEZOMETERS MAY CHANGE ACCORDING TO THE ACTUAL FIELD CONDITIONS.
3. SURFACE MONUMENTS SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE PLAN VIEW. FOR DETAILS OF MONUMENTS SEE DWG. E1H1059. PLACE MONUMENTS OUTSIDE OF TRAFFIC AREA.
4. STATIONS ARE FOR INSTALLATION OF INSTRUMENTATION ONLY AND NOT FOR PERMANENT REFERENCE.

PIEZOMETER NUMBER	TOP OF PIPE ELEVATION	TIP OF PIPE ELEVATION	ZONE
AP1	508.32	375.6	FOUNDATION
AP2	508.19	459.0	FILL
AP3	495.92	420.0	FILL
AP4	457.63	420.0	FILL
AP5	457.79	378.0	FOUNDATION
AP6	478.83	415.1*	FOUNDATION
AP7	478.44	441.1*	FOUNDATION
AP8	410.47	368.0	FOUNDATION
AP9	411.90	397.0	FOUNDATION
AP10	472.00	418.0	FOUNDATION
AP11	471.92	444.0	FOUNDATION
AP12	475.75	461.0	FOUNDATION
AP13	475.19	443.0	FOUNDATION
AP14	476.00	431.0	FOUNDATION
APA4	485.80	427.0	FOUNDATION
APA4A	485.52	456.0	FOUNDATION
APA3	478.09	448.0	FOUNDATION
APA3A	478.69	467.0	FOUNDATION
APA2	474.61	439.0	FOUNDATION
APA2A	475.92	450.0	FOUNDATION
APA5	472.00	425.0	FOUNDATION
APA5A	472.00	443.0	FOUNDATION

REFERENCES:
- E1H1001 ASH DISPOSAL POND DAM GENERAL ARRANGEMENT
- E1H1002 ASH DISPOSAL POND DAM GENERAL SECTIONS AND DETAILS
- E1H1059 RETENTION (SETTLING) POND PLAN, SECTIONS AND DETAILS OF INSTRUMENTATION
- E1H1060 WATER STORAGE POND DAM PLAN, SECTIONS AND DETAILS OF INSTRUMENTATION
- E1X1053 ROCK BOLSTER DETAILS

(CAD) E1H1058
CADOVERLAY LVG-0

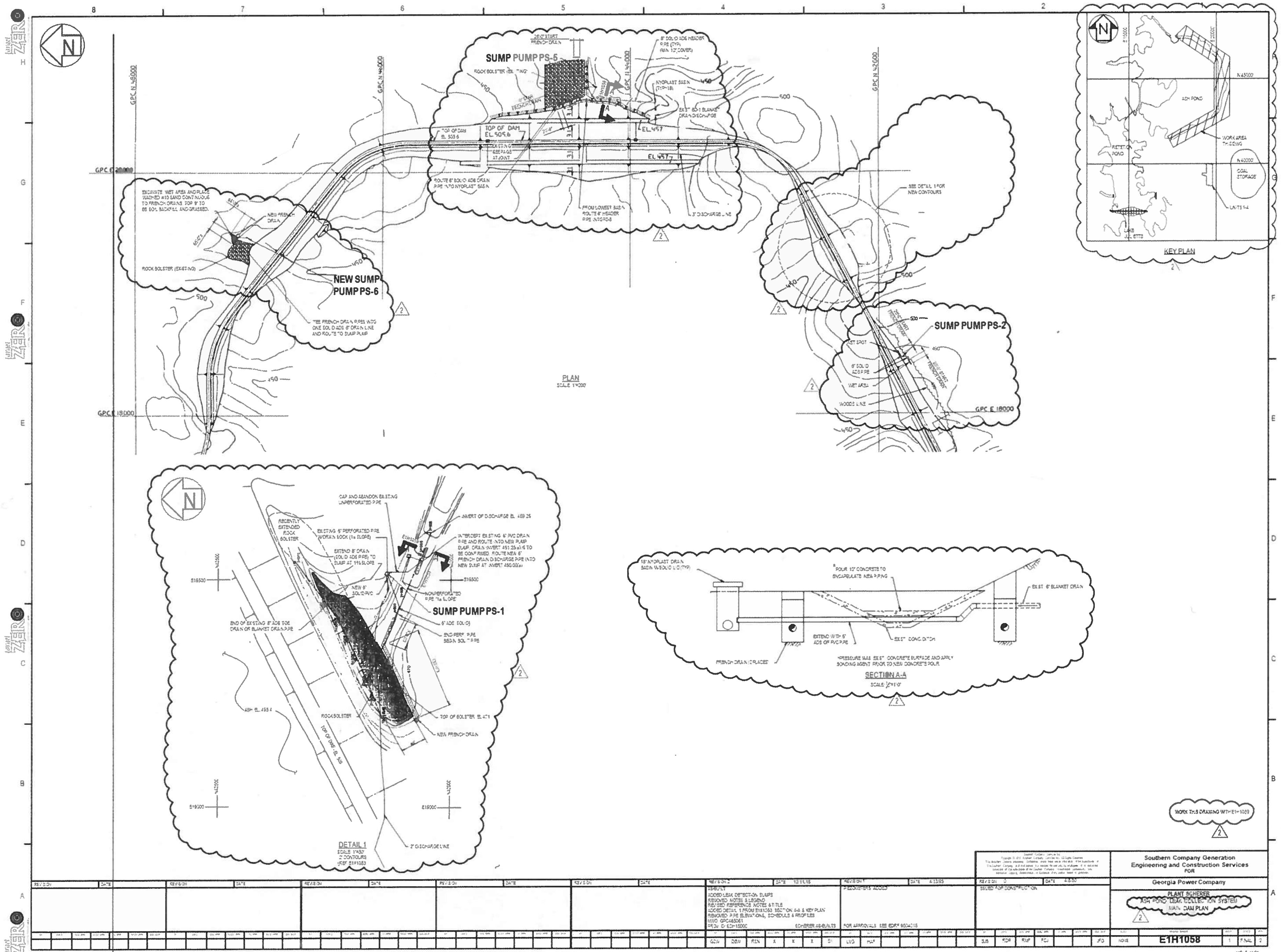
REVISION	DATE	DESCRIPTION	BY	CHK'D	APPR
1	4-13-95	PIEZOMETERS ADDED	LVG	HAF	FOR APPRVLS SEE EDRF 950409
0	4-8-88	ISSUED FOR CONSTRUCTION	BJB	WBP	KMF / FCJ / JFG

Southern Company Services Inc. for GEORGIA POWER COMPANY

PLANT SCHERER
ASH DISPOSAL POND DAM
PLAN, SECTIONS AND DETAILS OF INSTRUMENTATION

SCALE	LOCATION	DRAWING NUMBER	REV
AS SHOWN	10-505	E1H1058	1

05-04-95 10:33


SUMP PUMP PS-5
NEW SUMP PUMP PS-6
SUMP PUMP PS-2
SUMP PUMP PS-1
TOP OF DAM EL.505.6
EL.457
GPC N 48000
GPC N 46000
GPC N 44000
GPC N 42000
GPC E 20000
GPC E 18000
PLAN
KEY PLAN
ASH POND
COAL STORAGE
UNITS 1-4
DETAIL 1
SECTION A-A
FRENCH DRAIN (PLACE)
EXIST. CONC. DITCH
ROCK BOLSTER
TOP OF BOLSTER EL. 471
NEW FRENCH DRAIN
2" DISCHARGE LINE
WORK THIS DRAWING WITH E1H1059
Southern Company Generation
Engineering and Construction Services
FOR
Georgia Power Company
PLANT SCHERER
ASH POND LEAK COLLECTION SYSTEM
MAIN DAM PLAN
E1H1058