

The Light company

Houston Lighting & Power

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January 4, 1991
ST-HL-AE-3663
File No.: S13.02
10CFR73.55
10CFR50.54(p)

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

South Texas Project Electric Generating Station
Units 1 and 2
Docket Nos. STN 50-498, STN 50-499
Physical Security for Proposed New Warehouse

During the first part of 1991, HL&P will be building a new maintenance warehouse in an area that is normally inside the southwest quadrant of the STPEGS protected area (PA). The new warehouse will employ a material corridor to the existing main warehouse just outside the protected area (attachment 1). This corridor traverses the PA barrier and allows material transfer in a manner that does not reduce the effectiveness of the security plan. Use of the corridor involves a material search outside the PA in the staging area by trained warehouse personnel, transfer of the material to the area between the nuisance fence and PA fence, and final transfer of the material to inside the PA. Adequate measures have been taken to assure integrity of the PA boundary during the transfer. The intrusion detection system and surveillance system will be appropriately modified and the transfer process will have strict administrative control.

To facilitate construction of the warehouse, HL&P has decided to temporarily relocate the PA boundary (attachment 2). This will be accomplished by erecting a temporary fence inside the existing PA boundary. The existing PA fence will remain in place and unrestricted access to the construction site will be through an existing gate, as shown on the drawing. The temporary boundary fence will be constructed in accordance with the standards of the STPEGS security plan and will be posted by Security Officers for the duration of the construction. Upon completion of the construction, the area will be searched and brought back inside the previous PA boundary.

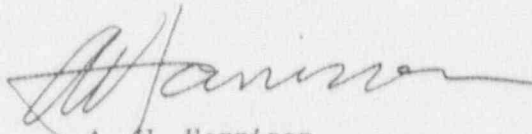
HL&P has evaluated this action and determined that sufficient compensatory measures have been taken such that the effectiveness of the security plan is not reduced. Consequently, these plans have been found to be acceptable in accordance with 10CFR50.54(p). The Physical Security Plan (PSP) will be updated to show the permanent facilities as required by 10CFR50.54(p). The PSP will not be revised for the temporary construction fence since the fence will be dismantled upon completion of the work.

S003
11

Houston Lighting & Power Company
South Texas Project Electric Generating Station

ST-HL-AE-3663
File No.: S13.02
Page 2

If you have any questions, please call Mr. A. W. Harrison at
512-972-7298.



A. W. Harrison
Manager,
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AWH/amp

- Attachment:
1. Sketch of Material Corridor
 2. Sketch of Temporary PA Fence

Houston Lighting & Power Company
South Texas Project Electric Generating Station

ST-HL-AE-3663
File No.: S13.02
Page 3

cc:

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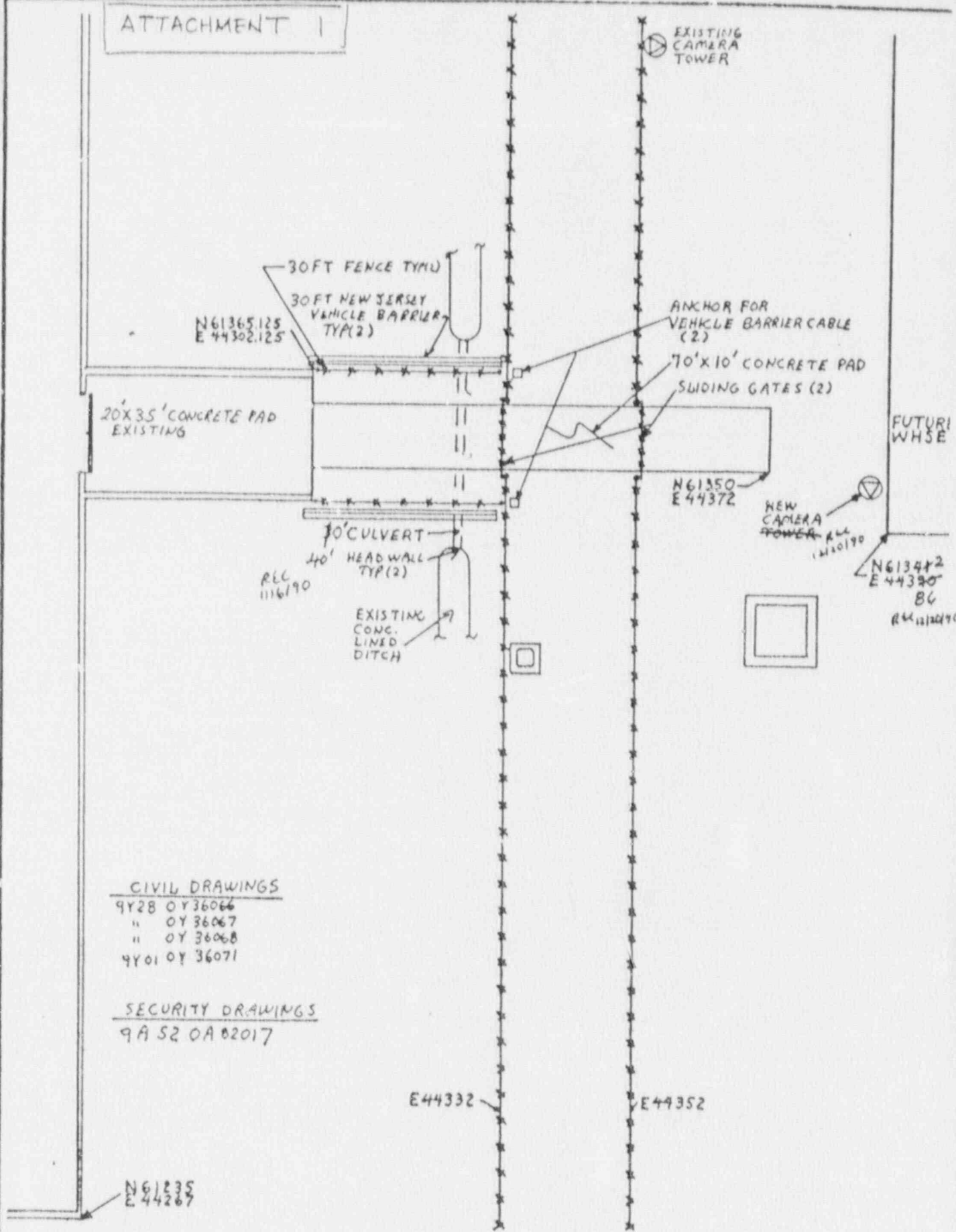
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Revised 10/08/90

L4/NRC/

G4201-A

ATTACHMENT 1



CIVIL DRAWINGS
 9Y28 OY 36066
 " OY 36067
 " OY 36068
 4Y01 OY 36071

SECURITY DRAWINGS
 9A 52 0A 02017

REV No.	BY	CHK/ DATE	APP/ DATE	DESCRIPTION	BASIC CIVIL INSTALLATION SKETCH 1
					SOUTH TEXAS PROJECT HOUSTON LIGHTING & POWER Co.
					SCALE _____ DRAWING No. _____
					REV _____

ATTACHMENT 2



N 61495
E 44267

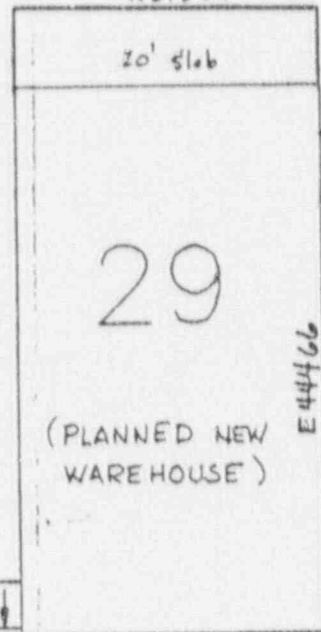


TEMPORARY PA
BOUNDARY FENCE

N 61572

EMERGENCY
ACCESS
12 Gate
(NORMALLY
CLOSED)

FH 19
N 61505
E 44485
PIV
N 61502
E 44490



29

(PLANNED NEW
WAREHOUSE)

FH 19

PIV
ASB

E 44500

E 44466

7774

N 61361

N 61349

N 61347.2
E 44386

N 61332
E 44300

EXISTING
NUISANCE
FENCE

EXISTING
PA BOUNDARY
FENCE

20'
RESTRICTED
AREA DEMARCATION

EXISTING GATE
AND CONSTRUCTION
ACCESS

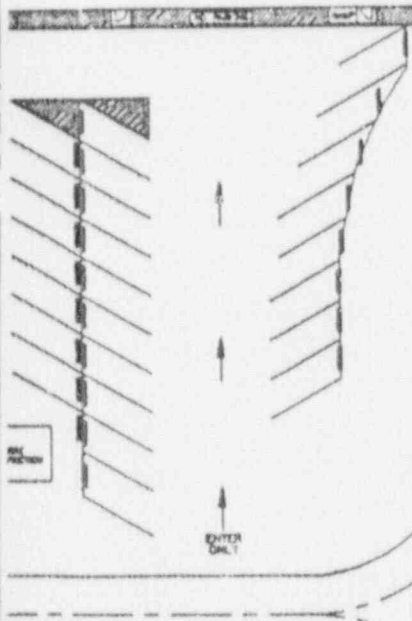
FH 18

FH 18
N 61265
E 44485

ACCESS TO IDS
CLOSED OFF

TEMPORARY
PA BOUNDARY
FENCE

N 61084.65
E 44426.16



ENTER
ONLY