

SYSTEM DESIGNATOR

|                                  |   | NO. OF SHEETS |   |
|----------------------------------|---|---------------|---|
| MAIN POWER CYCLE AND AUXILIARIES |   | P & ID        |   |
| AB                               | MAIN STEAM                                  |               | 7 |
| AC                               | MAIN TURBINE                                |               | 4 |
| AD                               | CONDENSATE                                  |               | 8 |
| AE                               | FEEDWATER                                   |               | 2 |
| AF                               | FEEDWATER HEATER EXTRACTION, DRAINS & VENTS |               | 4 |
| AK                               | CONDENSATE DEMINERALIZER                    |               | 4 |
| AL                               | AUXILIARY FEEDWATER                         |               | 1 |
| AN                               | DEMINERALIZED WATER STORAGE & TRANSFER      |               | 1 |
| AP                               | CONDENSATE STORAGE AND TRANSFER             |               | 1 |
| AQ                               | CONDENSATE AND FEEDWATER CHEMICAL ADDITION  |               | 2 |

|  |                                 | NO. OF SHEETS |   |
|--|---------------------------------|---------------|---|
| REACTOR AND STEAM GENERATOR CONTROLS AND AUXILIARIES |                                 | P & ID        |   |
| BB   | REACTOR COOLANT                 |               | 4 |
| BG   | CHEMICAL AND VOLUME CONTROL     |               | 5 |
| BL   | REACTOR MAKEUP WATER            |               | 1 |
| BM   | STEAM GENERATOR BLOWDOWN        |               | 5 |
| BN   | BORATED REFUELING WATER STORAGE |               | 1 |

|  |   | NO. OF SHEETS |   |
|--|---|---------------|---|
| TURBINE GENERATOR CONTROLS AND AUXILIARIES |   | P & ID        |   |
| CA   | STEAM SEAL                                |               | 1 |
| CB   | MAIN TURBINE LUBE OIL                     |               | 1 |
| CC   | GENERATOR HYDROGEN AND CO <sub>2</sub>    |               | 1 |
| CD   | GENERATOR SEAL OIL                        |               | 1 |
| CE   | STATOR COOLING WATER                      |               | 1 |
| CF   | LUBE OIL STORAGE, TRANSFER & PURIFICATION |               | 2 |
| CG   | CONDENSER AIR REMOVAL                     |               | 1 |
| CH   | MAIN TURBINE CONTROL OIL                  |               | 1 |

|                   |                   | NO. OF SHEETS |   |
|-------------------|-------------------|---------------|---|
| CIRCULATING WATER |                   | P & ID        |   |
| DA                | CIRCULATING WATER |               | 2 |

|  |  | NO. OF SHEETS |   |
|--|--|---------------|---|
| EQUIPMENT & EMERGENCY CORE COOLING WATER |  | P & ID        |   |
| EA                                       | SERVICE WATER  |               | 2 |
| EB                                       | CLOSED COOLING WATER   |               | 1 |
| EC                                       | FUEL POOL COOLING & CLEANUP                                  |               | 2 |
| EF                                       | ESSENTIAL SERVICE WATER (P & ID'S-2 M-22 DWGS., 1 M-U2 DWG.) |               | 3 |
| EG                                       | COMPONENT COOLING WATER                                      |               | 3 |
| EJ                                       | RESIDUAL HEAT REMOVAL  |               | 1 |
| EM                                       | HIGH PRESSURE COOLANT INJECTION                              |               | 2 |
| EN                                       | CONTAINMENT SPRAY  |               | 1 |
| EP                                       | ACCUMULATOR SAFETY INJECTION                                 |               | 1 |

|                 |  | NO. OF SHEETS |   |
|-----------------|--|---------------|---|
| AUXILIARY STEAM |  | P & ID        |   |
| FA              | AUXILIARY STEAM GENERATOR                |               | 1 |
| FB              | AUXILIARY STEAM                          |               | 2 |
| FC              | AUXILIARY TURBINES                       |               | 3 |
| FE              | AUXILIARY STEAM CHEMICAL ADDITION SYSTEM |               | 1 |

|      |   | NO. OF SHEETS |   |
|------|---|---------------|---|
| HVAC |   | P & ID        |   |
| GA   | PLANT HEATING   |               | 2 |
| GB   | CENTRAL CHILLED WATER   |               | 1 |
| GD   | ESSENTIAL SERVICE WATER PUMP HOUSE BUILDING HVAC (P & ID-1 M-U2 DWG.) |               | 1 |
| GE   | TURBINE BUILDING HVAC   |               | 5 |
| GG   | FUEL BUILDING HVAC  |               | 2 |
| GH   | RADWASTE BUILDING HVAC  |               | 2 |
| GK   | CONTROL BUILDING HVAC   |               | 4 |
| GL   | AUXILIARY BUILDING HVAC   |               | 3 |
| GM   | DIESEL GENERATORS BUILDING HVAC                                       |               | 1 |
| GN   | CONTAINMENT COOLING   |               | 2 |
| GS   | CONTAINMENT HYDROGEN CONTROL  |               | 1 |
| GR   | CONTAINMENT ATMOSPHERIC CONTROL                                       |               | 1 |
| GT   | CONTAINMENT PURGE HVAC  |               | 1 |
| GF   | MISCELLANEOUS BUILDING HVAC   |               | 2 |
| GP   | CONTAINMENT INTEGRATED LEAK RATE TEST                                 |               | 1 |

|          |                               | NO. OF SHEETS |   |
|----------|-------------------------------|---------------|---|
| RADWASTE |                               | P & ID        |   |
| HA       | GASEOUS RADWASTE              |               | 3 |
| HB       | LIQUID RADWASTE               |               | 5 |
| HC       | SOLID RADWASTE                |               | 4 |
| HD       | DECONTAMINATION               |               | 1 |
| HE       | BORON RECYCLE                 |               | 3 |
| HF       | SECONDARY LIQUID WASTE SYSTEM |               | 5 |

|      |                    | NO. OF SHEETS |   |
|------|--------------------|---------------|---|
| FUEL |                    | P & ID        |   |
| JE   | EMERGENCY FUEL OIL |               | 1 |

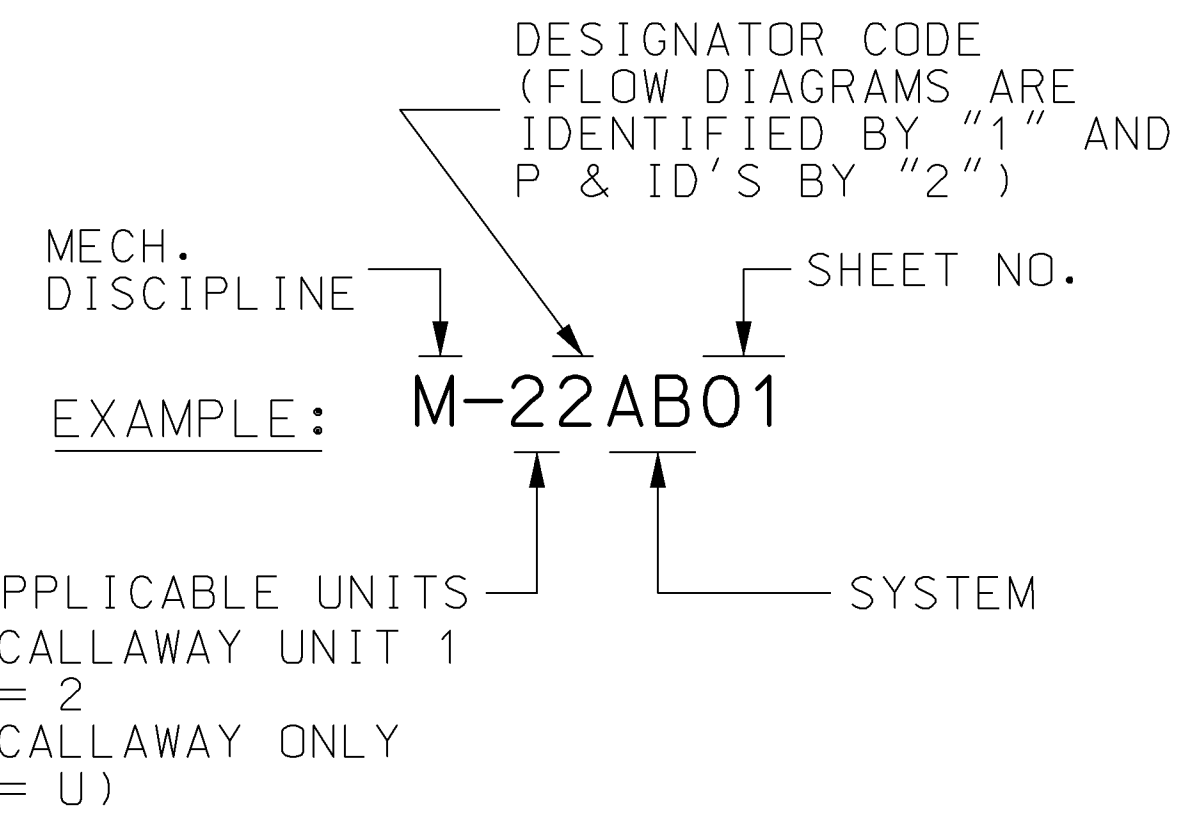
|          |   | NO. OF SHEETS |      |
|----------|---|---------------|------|
| SERVICES |   | P & ID        |      |
| KA       | COMPRESSED AIR  |               | 7    |
| KB       | BREATHING AIR SYSTEM  |               | 3    |
| KC       | FIRE PROTECTION   |               | 7    |
| KD       | DOMESTIC WATER  |               | 2    |
| KE       | FUEL HANDLING, FUEL STORAGE & REACTOR VESSEL SERVICE                                |               | NONE |
| KH       | SERVICE GAS (CO <sub>2</sub> , N <sub>2</sub> , H <sub>2</sub> , & O <sub>2</sub> ) |               | 2    |
| KJ       | STANDBY DIESEL ENGINE   |               | 6    |
| KS       | BULK CHEMICAL STORAGE (P & ID-1 M-U2 DWG.)  |               | 1    |

|        |                              | NO. OF SHEETS |    |
|--------|------------------------------|---------------|----|
| DRAINS |                              | P & ID        |    |
| LA     | SANITARY DRAINS              |               | 2  |
| LD     | CHEMICAL AND DETERGENT WASTE |               | 1  |
| LE     | OILY WASTE                   |               | 4  |
| LF     | FLOOR & EQUIPMENT DRAINS     |               | 10 |

|                  |                               | NO. OF SHEETS |   |
|------------------|-------------------------------|---------------|---|
| SAMPLING SYSTEMS |                               | P & ID        |   |
| RM               | PROCESS SAMPLING AND ANALYSIS |               | 3 |
| SJ               | NUCLEAR SAMPLING              |               | 4 |

NOTES:

1. THIS DRAWING PROVIDES THE SYSTEM DESIGNATORS USED IN THE P & ID AND FLOW DIAGRAM DRAWING NUMBERS. DRAWINGS M-220102, M-220103, AND M-220104 PROVIDE THE APPLICABLE SYMBOLS AND LEGEND.
2. DRAWING NUMBERING SYSTEM IS AS FOLLOWS:



3. SEE DRAWING 8600-X-89846 FOR S & P P & ID INDEX.

AS-BUILT

| DRAWING INDEX FOR SYSTEM FLOW AND PIPING AND INSTRUMENT DIAGRAMS |     | CALLAWAY PLANT |          | GLASS    |        |
|--|-----|----------------|----------|----------|--------|
| DRAWN  | N/A | (DATE)         |          |          |        |
| CHKD.  | N/A | (DATE)         |          |          |        |
| SURV.  | N/A | (DATE)         |          |          |        |
| APPR.  | N/A | (DATE)         | LOCATION |          |        |
| UNION ELECTRIC COMPANY ST. LOUIS, MO                             |     |                |          | M-220101 | REV. 7 |













M-26001

**FSAR Figure 1.2-1 is withheld per RIS 2015-17**

|       |           |   |          |       |             |               |      |
|-------|-----------|---|----------|-------|-------------|---------------|------|
|       | 062707    | INCRP. MP 06-0005.  | MAL      | TJC   | N/A         | MWH           |      |
| 6     | 042005    | INCRP. RFR 22941A   | TJC      | MAL   | N/A         | TWS           |      |
| 4     | 071301    | INCRP. MP 99-1038 FCN-16  | SKC      | JHK   | N/A         | AMR           |      |
| 4     | 121796    | INCRP. CMP 89-1045 AND DEC-1384                                       | RLW      | DLBr  | N/A         | AMR           |      |
| 4     | 3191      | INCRP. RMP 94-2006A.  | MAL      | —     | —           | —             |      |
| 4     | 1878      | INCRP DEC-587   | SKC      | —     | —           | —             |      |
| 1     | 878       | INCRP. CMP. 85-0363   | JAN      | —     | N/A         | N/A           |      |
| 4     | 7380      | REFLECTS TURNAROUND TO U.E. SUPERSEDES M-06001 R-1 F INCRP RFR 22941A | 4LD      | —     | N/A         | N/A           |      |
| NO.   | DATE      | REVISIONS   | BY       | CHK   | DES<br>SUPV | PROJ<br>ENGR  | APPR |
| SCALE | 1"=50'-0" | DATE 2-7-84   | DESIGNED | DRAWN | CB          | CHIEF<br>ENGR |      |


# BECHTEL

GAITHERSBURG, MARYLAND

## SNUPPS

### PENINSULAR PLANT ARRANGMENT STANDARD POWER SYSTEMS & STRUCTURE INTERFACE

FSAR FIGURE 1.2-1

|   |                     |     |
|---|---------------------|-----|
|  | UTILITY DRAWING NO. | REV |
|   | AS-BUILT            |     |
| JOB NO  | BECHTEL DRAWING NO  | REV |
| 10466   | M-2G001             | 7   |

DRAWING QUALITY TO UNITS

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

1 34x44 "E" SIZE

**FSAR Figure 1.2-1 is withheld per RIS 2015-17**



FSAR Figure 1.2-2 is withheld per RIS 2015-17

H  
G  
F  
E  
D  
C  
B  
A

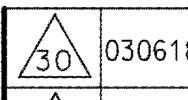
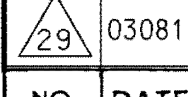

|                             |                            |           |       |      |       |
|-----------------------------|----------------------------|-----------|-------|------|-------|
| 110904                      | INCORP. RFR 22941A.        | MAL       | RLW   | N/A  | TWS   |
| 1031004                     | INCORPORATE RFR 22733A.    | BMM       | RLW   | N/A  | TWS   |
| 1022699                     | INCORP. 1000 RFR 2009A AND | EWM       | RAM   | N/A  | JHC   |
| 1022699                     | INCORP. 1000 RFR 2009A AND | JHK       | MAL   | N/A  | JHC   |
| 1022699                     | INCORP. 1000 RFR 2009A AND | K         | N/A   | N/A  | JHC   |
| NO                          | DATE                       | REVISIONS | BY    | CHK  | APP   |
| SCALE 1/8"=1'-0"            | DATE 10-25-75              | DESIGNED  | DRAWN | ED.S | CHIEF |
| BECHTEL                     |                            |           |       |      |       |
| GAITHERSBURG, MARYLAND      |                            |           |       |      |       |
| SNUPPS                      |                            |           |       |      |       |
| EQUIPMENT LOCATION          |                            |           |       |      |       |
| RADWASTE BUILDING           |                            |           |       |      |       |
| PLAN BASEMENT EL. 1976'-0"  |                            |           |       |      |       |
| FSAR FIGURE 1.2-2           |                            |           |       |      |       |
| AS-BUILT                    |                            |           |       |      |       |
| UTILITY DRAWING NO.         |                            |           |       |      |       |
| REV                         |                            |           |       |      |       |
| JOB NO.                     |                            |           |       |      |       |
| BECHTEL DRAWING NO.         |                            |           |       |      |       |
| REV                         |                            |           |       |      |       |
| 10466                       |                            |           |       |      |       |
| M-2G010                     |                            |           |       |      |       |
| 22                          |                            |           |       |      |       |
| DRAWING APPLICABLE TO UNITS |                            |           |       |      |       |
| 1 3x44 'E' SIZE             |                            |           |       |      |       |

FSAR Figure 1.2-2 is withheld per RIS 2015-17



FSAR Figure 1.2-3 is withheld per RIS 2015-17

H  
G  
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A

|   |        |                        |                     |           |                     |
|---|--------|------------------------|---------------------|-----------|---------------------|
|  | 030618 | INCORP. RFR 160558.    | MAL                 | RLW       | DME                 |
|  | 030811 | INCORPORATE MP 09-0042 | EWM                 | RLW       | SKC                 |
| NO  | DATE   | REVISIONS              | BY                  | CHK       | APPN                |
| SCALE 1"=1'-0"  |        | DATE 10-20-75          | DESIGNED            | DRAWNED.S | CHIEF ENGR          |
| BECHTEL<br>GAITHERSBURG, MARYLAND   |        |                        |                     |           |                     |
| SNUPPS  |        |                        |                     |           |                     |
| EQUIPMENT LOCATION<br>RADWASTE BUILDING<br>EL. 2000'-0"<br>FSAR FIGURE 1.2-3          |        |                        |                     |           |                     |
| AS-BUILT  |        |                        | UTILITY DRAWING NO. |           | REV                 |
|   |        |                        |                     |           |                     |
|  |        |                        | JOB NO.             |           | BECHTEL DRAWING NO. |
|   |        |                        | 10466               |           | M-2G011             |
| DRAWING APPLICABLE TO UNITS   |        |                        | 2                   |           | 34x44               |
|   |        |                        | 1                   |           | 30                  |

FSAR Figure 1.2-3 is withheld per RIS 2015-17



FSAR Figure 1.2-4 is withheld per RIS 2015-17

FSAR Figure 1.2-4 is withheld per RIS 2015-17

|  |  |  |                     |     |          |         |            |      |
|--|--|--|---------------------|-----|----------|---------|------------|------|
| 8  | 042005   | INCORP. RFR 22941A                         | TJC                 | MAL | N/A      | TWS     |            |      |
| 7  | 041698   | INCORP. RFR 16086D.                        | MAL                 | EMW | N/A      | JHK     |            |      |
| 6  | 112897   | INCORPORATES MP 93-2031                    | RAM                 | HLP | N/A      | AMR     |            |      |
| 5  | 072897   | ISSUE PER EDP-ZZ-04024                     | RAM                 | JHK | N/A      | AMR     |            |      |
| 4  | 060297   | INCORP. RFR-16406A.<br>INCORP. RFR-17916B. | JHK                 | EMW | N/A      | AMR     |            |      |
| 3  | 051596   | INCORP. RFR-13399J.                        | JHK                 | EMW | N/A      | AMR     |            |      |
| 2  | 7-1-19<br>RFR-16428A.  | K  | EMW                 | N/A | AMR      |         |            |      |
| 1  | 7-1-19<br>RFR-16086A.  | K  | EMW                 | N/A | AMR      |         |            |      |
| 0  | INITIAL ISSUE<br>SUPERSEDES M-09012<br>REV 6 REFLECTS TUE NOV 93<br>US UC RFR-13399A | MAL  | EMW                 | N/A | AMR      |         |            |      |
| NO. DATE REVISIONS   |  |  | BY                  | CHK | DES      | ENGR    | PROJ       | APPR |
| SCALE 1/8"=1'-0"   |  |  | DATE 10-23-75       |     | DESIGNED |         | DRAWN E.S. |      |
| BECHTEL<br>GAITHERSBURG, MARYLAND                                    |  |  |                     |     |          |         |            |      |
| EQUIPMENT LOCATION<br>RADWASTE BUILDING<br>PARTIAL PLAN EL. 2022'-0" |  |  |                     |     |          |         |            |      |
| AS-BUILT   |  |  |                     |     |          |         |            |      |
| UTILITY DRAWING NO.  |  |  | REV                 |     |          |         |            |      |
| JOB NO.  |  |  | BECHTEL DRAWING NO. |     |          | REV     |            |      |
| 10466  |  |  | M-2G012             |     |          | 8       |            |      |
| DRAWING APPLICABLE TO UNITS  |  |  | 2                   |     |          | 34x44   |            |      |
|  |  |  | 1                   |     |          | E" SIZE |            |      |



FSAR Figure 1.2-5 is withheld per RIS 2015-17

M-2G013

H

G

F

E

D

C


B

A

|   |        |                     |                     |             |             |              |      |
|---|--------|---------------------|---------------------|-------------|-------------|--------------|------|
| 19  | 060408 | INCORP. MP 07-0091. | MAL                 | TJC         | N/A         | LMR          |      |
| 18  | 110904 | INCORP. RFR-22941A. | MAL                 | RLW         | N/A         | TWS          |      |
| 17  | 123002 | INCORP. RFR-22041A  | DJB                 | SKC         | N/A         | TWS          |      |
| NO.   | DATE   | REVISIONS           | BY                  | CHK<br>SUPV | DES<br>ENGR | PROJ<br>ENGR | APPR |
| SCALE 1/8"=1'-0"  |        | DATE 10-16-75       |                     | DESIGNED    |             | DRAWN        | GLP  |
| BECHTEL   |        |                     |                     |             |             |              |      |
| GAITHERSBURG, MARYLAND  |        |                     |                     |             |             |              |      |
| EQUIPMENT LOCATIONS<br>RADWASTE BUILDING<br>EL. 2031'-6" & ROOF PLAN<br>FSAR FIGURE 1.2-5 |        |                     |                     |             |             |              |      |
| AS-BUILT  |        |                     | UTILITY DRAWING NO. |             |             | REV          |      |
|   |        |                     | BECHTEL DRAWING NO. |             |             | REV          |      |
| 10466   |        |                     | M-2G013             |             |             | 19           |      |
| DRAWING APPLICABLE TO UNITS   |        |                     | 2                   |             |             |              |      |

FSAR Figure 1.2-5 is withheld per RIS 2015-17

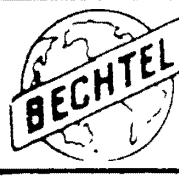
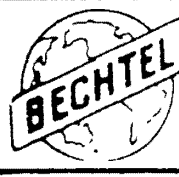
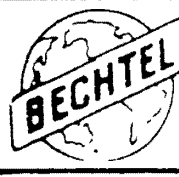
**FSAR Figure 1.2-6 is withheld per RIS 2015-17**

|   |            |   |          |                     |             |                   |              |              |
|---|------------|---|----------|---------------------|-------------|-------------------|--------------|--------------|
| 4   | 060408     | INCORP. MP 07-0091.   | MAL      | TJC                 | N/A         | N/A               | LMR          |              |
| 3   | 042005     | INCORPORATES RFR 22341A   | TJC      | MAL                 | N/A         | N/A               | TWS          |              |
| 2   | 112897     | INCORPORATES MP 93-2031   | RAM      | HLP                 | N/A         | N/A               | AMR          |              |
| 1   | 072897     | ISSUE PER EDP-ZZ-04024  | RAM      | JHK                 | N/A         | N/A               | AMR          |              |
| 0   | 011497     | INITIAL ISSUE. SUPERCEDES<br>DWG. M-06014 REV. 7. RE-<br>FLECTS TURNOVER TO UE. | JHK      | EMW                 | N/A         | N/A               | AMR          |              |
| NO.   | DATE       | REVISIONS   | BY       | CHK                 | DES<br>SURV | ENGR<br>ENGR      | PROJ<br>ENGR | APPR<br>ENGR |
| SCALE   | 1/8"=1'-0" | DATE 10-21-75   | DESIGNED | DRAWN               | GLP         | CHIEF<br>ENGINEER |              |              |
| BECHTEL<br>GAITHERSBURG, MARYLAND   |            |   |          |                     |             |                   |              |              |
| SNUPPS  |            |   |          |                     |             |                   |              |              |
| EQUIPMENT LOCATION<br>RADWASTE BUILDING<br>SECTIONS A & B<br>FSAR FIGURE 1.2-6        |            |   |          |                     |             |                   |              |              |
| AS-BUILT  |            |   |          | UTILITY DRAWING NO. |             |                   |              | REV          |
|  |            |   |          | JOB NO.             |             |                   |              | REV          |
|   |            |   |          | BECHTEL DRAWING NO. |             |                   |              | REV          |
| 10466   |            |   |          | M-2G014             |             |                   |              | 4            |
| DRAWING APPLICABLE TO UNITS   |            |   |          | 2                   | X           | X                 | X            | X            |



**FSAR Figure 1.2-7 is withheld per RIS 2015-17**

**FSAR Figure 1.2-7 is withheld per RIS 2015-17**

|   |          |                           |                    |           |                  |
|---|----------|---------------------------|--------------------|-----------|------------------|
| 8   | 030861   | [INCORP. MP 09-0042]      | EWM                | RLW       | TWS              |
| A   | 060908   | [INCORP. MP 07-0091.]     | MAL                | TJC       | TWS              |
|   | 042005   | [INCORP. RFR 22941A]      | TJC                | MAL       | TWS              |
| 5   | 050102   | [INCORP. MP 99-2003A]     | RAM                | DJB       | AMR              |
| 4   | 070698   | [INCORP. MP 97-2005]      | RAM                | EWB       | AMR              |
| 3   | 112891   | [INCORP. MP 93-2031]      | RAM                | HLP       | AMR              |
| 2   | 072891   | [ISSUE PER EDP--ZZ-0402A] | RAM                | JHK       | AMR              |
| 1   | 123198   | [INCORP. CMP 89-1045]     | RLW                | DLB*      | AMR              |
| INITIAL ISSUE, REFLECTS<br>TURNOVER TO U.E. SUPERSEDES<br>M-00015 REV. 6.             |          |                           | JGH                | PLL       | TJG              |
| 0   | 0917     | [INCORP. CMP 84-03-016.   | BY                 | CHK       | APPR             |
| NO  | DATE     | REVISIONS                 |                    |           |                  |
| SCALE:  | AS-BUILT | DATE 10-24-75             | DESIGNED           | DRAWN G.N | CHECKED<br>EAGER |
| BECHTEL   |          |                           |                    |           |                  |
| GAITHERSBURG, MARYLAND  |          |                           |                    |           |                  |
| SNUPPS  |          |                           |                    |           |                  |
| EQUIPMENT LOCATION<br>RADWASTE BUILDING<br>SECTIONS C & E<br>FSAR FIGURE 1.2-7        |          |                           |                    |           |                  |
| AS-BUILT  |          |                           | UTILITY DRAWING NO |           | REV              |
|   |          |                           |                    |           |                  |
|  |          |                           | JOB NO             |           | REV              |
|   |          |                           |                    |           |                  |
|  |          |                           | BECHTEL DRAWING NO |           | REV              |
|   |          |                           |                    |           |                  |
|  |          |                           | M-2G015            |           | 8                |
|   |          |                           |                    |           |                  |
| DRAWING APPLICABLE TO UNITS   |          |                           |                    |           |                  |
| [X] [ ] [Z] [X] [X] [X] [X] [X] [X] [X]   |          |                           |                    |           |                  |

FSAR Figure 1.2-8 is withheld per RIS 2015-17

FSAR Figure 1.2-8 is withheld per RIS 2015-17

3

042005

INCORP. RFR 22941A

TJC

MAL

N/A

TWS

2

030805

INCORPORATE MP 01-1001B

RLW

MAL

N/A

TWS

1

121796

INCORP. CMP 89-1045B

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INITIAL ISSUE. SUPERSEDES  
W-06016, R. 6. REFLECTS  
TURNOVER TO U.S. ISSUE  
32 PER EDP-22-04024.

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GAITHERSBURG, MARYLAND

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EQUIPMENT LOCATION  
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SECTION D & F  
FSAR FIGURE 1.2-8

AS-BUILT

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3

DRAWING APPLICABLE TO UNITS

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FSAR Figure 1.2-9 is withheld per RIS 2015-17

FSAR Figure 1.2-9 is withheld per RIS 2015-17

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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-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185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 | 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 810 | 811 | 812 | 813 | 814 | 815 | 816 | 817 | 818 | 819 | 820 | 821 | 822 | 823 | 824 | 825 | 826 | 827 | 828 | 829 | 830 | 831 | 832 | 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840 | 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 | 849 | 850 | 851 | 852 | 853 | 854 | 855 | 856 | 857 | 858 | 859 | 860 | 861 | 862 | 863 | 864 | 865 | 866 | 867 | 868 | 869 | 870 | 871 | 872 | 873 | 874 | 875 | 876 | 877 | 878 | 879 | 880 | 881 | 882 | 883 | 884 | 885 | 886 | 887 | 888 | 889 | 890 | 891 | 892 | 893 | 894 | 895 | 896 | 897 | 898 | 899 | 900 | 901 | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 910 | 911 | 912 | 913 | 914 | 915 | 916 | 917 | 918 | 919 | 920 | 921 | 922 | 923 | 924 | 925 | 926 | 927 | 928 | 929 | 930 | 931 | 932 | 933 | 934 | 935 | 936 | 937 | 938 | 939 | 940 | 941 | 942 | 943 | 944 | 945 | 946 | 947 | 948 | 949 | 950 | 951 | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960 | 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 | 969 | 970 | 971 | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 980 | 981 | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 990 | 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000 | 1001 | 1002 | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 | 1009 | 1010 | 1011 | 1012 | 1013 | 1014 | 1015 | 1016 | 1017 | 1018 | 1019 | 1020 | 1021 | 1022 | 1023 | 1024 | 1025 | 1026 | 1027 | 1028 | 1029 | 1030 | 1031 | 1032 | 1033 | 1034 | 1035 | 1036 | 1037 | 1038 | 1039 | 1040 | 1041 | 1042 | 1043 | 1044 | 1045 | 1046 | 1047 | 1048 | 1049 | 1050 | 1051 | 1052 | 1053 | 1054 | 1055 | 1056 | 1057 | 1058 | 1059 | 1060 | 1061 | 1062 | 1063 | 1064 | 1065 | 1066 | 1067 | 1068 | 1069 | 1070 | 1071 | 1072 | 1073 | 1074 | 1075 | 1076 | 1077 | 1078 | 1079 | 1080 | 1081 | 1082 | 1083 | 1084 | 1085 | 1086 | 1087 | 1088 | 1089 | 1090 | 1091 | 1092 | 1093 | 1094 | 1095 | 1096 | 1097 | 1098 | 1099 | 1100 | 1101 | 1102 | 1103 | 1104 | 1105 | 1106 | 1107 | 1108 | 1109 | 1110 | 1111 | 1112 | 1113 | 1114 | 1115 | 1116 | 1117 | 1118 | 1119 | 1120 | 1121 | 1122 | 1123 | 1124 | 1125 | 1126 | 1127 | 1128 | 1129 | 1130 | 1131 | 1132 | 1133 | 1134 | 1135 | 1136 | 1137 | 1138 | 1139 | 1140 | 1141 | 1142 | 1143 | 1144 | 1145 | 1146 | 1147 | 1148 | 1149 | 1150 | 1151 | 1152 | 1153 | 1154 | 1155 | 1156 | 1157 | 1158 | 1159 | 1160 | 1161 | 1162 | 1163 | 1164 | 1165 | 1166 | 1167 | 1168 | 1169 | 1170 | 1171 | 1172 | 1173 | 1174 | 1175 | 1176 | 1177 | 1178 | 1179 | 1180 | 1181 | 1182 | 1183 | 1184 | 1185 | 1186 | 1187 | 1188 | 1189 | 1190 | 1191 | 1192 | 1193 | 1194 | 1195 | 1196 | 1197 | 1198 | 1199 | 1200 | 1201 | 1202 | 1203 | 1204 | 1205 | 1206 | 1207 | 1208 | 1209 | 1210 | 1211 | 1212 | 1213 | 1214 | 1215 | 1216 | 1217 | 1218 | 1219 | 1220 | 1221 | 1222 | 1223 | 1224 | 1225 | 1226 | 1227 | 1228 | 1229 | 1230 | 1231 | 1232 | 1233 | 1234 | 1235 | 1236 | 1237 | 1238 | 1239 | 1240 | 1241 | 1242 | 1243 | 1244 | 1245 | 1246 | 1247 | 1248 | 1249 | 1250 | 1251 | 1252 | 1253 | 1254 | 1255 | 1256 | 1257 | 1258 | 1259 | 1260 | 1261 | 1262 | 1263 | 1264 | 1265 | 1266 | 1267 | 1268 | 1269 | 1270 | 1271 | 1272 | 1273 | 1274 | 1275 | 1276 | 1277 | 1278 | 1279 | 1280 | 1281 | 1282 | 1283 | 1284 | 1285 | 1286 | 1287 | 1288 | 1289 | 1290 | 1291 | 1292 | 1293 | 1294 | 1295 | 1296 | 1297 | 1298 | 1299 | 1300 | 1301 | 1302 | 1303 | 1304 | 1305 | 1306 | 1307 | 1308 | 1309 | 1310 | 1311 | 1312 | 1313 | 1314 | 1315 | 1316 | 1317 | 1318 | 1319 | 1320 | 1321 | 1322 | 1323 | 1324 | 1325 | 1326 | 1327 | 1328 | 1329 | 1330 | 1331 | 1332 | 1333 | 1334 | 1335 | 1336 | 1337 | 1338 | 1339 | 1340 | 1341 | 1342 | 1343 | 1344 | 1345 | 1346 | 1347 | 1348 | 1349 | 1350 | 1351 | 1352 | 1353 | 1354 | 1355 | 1356 | 1357 | 1358 | 1359 | 1360 | 1361 | 1362 | 1363 | 1364 | 1365 | 1366 | 1367 | 1368 | 1369 | 1370 | 1371 | 1372 | 1373 | 1374 | 1375 | 1376 | 1377 | 1378 | 1379 | 1380 | 1381 | 1382 | 1383 | 1384 | 1385 | 1386 | 1387 | 1388 | 1389 | 1390 | 1391 | 1392 | 1393 | 1394 | 1395 | 1396 | 1397 | 1398 | 1399 | 1400 | 1401 | 1402 | 1403 | 1404 | 1405 | 1406 | 1407 | 1408 | 1409 | 1410 | 1411 | 1412 | 1413 | 1414 | 1415 | 1416 | 1417 | 1418 | 1419 | 1420 | 1421 | 1422 | 1423 | 1424 | 1425 | 1426 | 1427 | 1428 | 1429 | 1430 | 1431 | 1432 | 1433 | 1434 | 1435 | 1436 | 1437 | 1438 | 1439 | 1440 | 1441 | 1442 | 1443 | 1444 | 1445 | 1446 | 1447 | 1448 | 1449 | 1450 | 1451 | 1452 | 1453 | 1454 | 1455 | 1456 | 1457 | 1458 | 1459 | 1460 | 1461 | 1462 | 1463 | 1464 | 1465 | 1466 | 1467 | 1468 | 1469 | 1470 | 1471 | 1472 | 1473 | 1474 | 1475 | 1476 | 1477 | 1478 | 1479 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-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FSAR Figure 1.2-10 is withheld per RIS 2015-17

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|                 |         |  |              |           |            |      |
|-----------------|---------|--|--------------|-----------|------------|------|
| 13              | 012918  | INCORP. RFR 160459.  | MAL          | TJC       | N/A        | DME  |
| 12              | 071416  | INCORP. RFR 201506614.   | TJC          | MAL       | N/A        | DME  |
| 11              | 061313  | INCORP. MP 12-0002.<br>FCN-01.   | MAL          | RLW       | N/A        | LMP  |
| 10              | 110904  | INCORP. RFR-22941A.  | MAL          | RLW       | N/A        | TWS  |
| 9               | 091804  | INCORP. MP 02-1018<br>FCN-1B.  | JHK          | MAL       | N/A        | TWS  |
| 8               | 032002  | INCORP. RFR-21562A.  | JHK          | MAL       | N/A        | AMR  |
| 7               | 082898  | INCORP. RFR-18812A.  | RLW          | DJB       | N/A        | AMR  |
| 6               | 080196  | INCORP. RFR-16916B.  | JHK          | EWB       | N/A        | AMR  |
| 5               | 042896  | INCORP. RFR-13528G.  | JHK          | EWB       | N/A        | AMR  |
| 4               | 1/1/15  | INCORP. RFR-13528G.  | SER          | DA        | —          | —    |
| 3               | 1/1/15  | INCORP. RFR-13528G.  | K            | SW        | N/A        | —    |
| 2               | 8/1/14  | INCORP. RFE-14770A.  | MAL          | DA        | —          | —    |
| 1               | 8/1/14  | INCORP. RFR-13528  | MAL          | DA        | —          | —    |
| 0               | 1/12/11 | INITIAL ISSUE SUPERCEDES<br>DWG. M-06021 REV. 5<br>REFLECTS TURNOVER TO<br>U.E. INCORP. RFR-09335B | SER          | SW        | —          | —    |
| NO. DATE        |         | REVISIONS  | BY           | CHK       | DES        | PROJ |
| SCALE: 1"=1'-0" |         | DATE 3-4-74  | DESIGNED DWM | DRAWN DJS | CHIEF ENGR | APPR |

|   |  |                     |
|---|--|---------------------|
| BECHTEL<br>GAITHERSBURG, MARYLAND   |  |                     |
| SNUPPS  |  |                     |
| EQUIPMENT LOCATIONS<br>AUXILIARY BUILDING<br>PARTIAL PLAN EL. 1988'-0" & EL. 2013'-6"<br>FSAR FIGURE 1.2-10 |  |                     |
| AS-BUILT  |  | UTILITY DRAWING NO. |
| JOB NO.   |  | REV                 |
| 10466   |  | 13                  |
| BECHTEL DRAWING NO.   |  | REV                 |
| M-2G021   |  | 13                  |
| DRAWING APPLICABLE TO UNITS   |  |                     |
| 2 1 34x44 1/2" SIZE   |  |                     |

FSAR Figure 1.2-10 is withheld per RIS 2015-17

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FSAR Figure 1.2-11 withheld per RIS 2015-17

FSAR Figure 1.2-11 withheld per RIS 2015-17

|   |   |                      |      |      |
|---|---|----------------------|------|------|
| D0891   | ENCORP. RFP 16057-91, REACTOR LOCATION COLUMN IN TABLE REFORMATTED FOR CONSISTENCY AND CLARITY. | SUN                  | ASB  | CMS  |
| D0891   | ENCORP. RFP 16055-91.   | MAY                  | PLN  | CMS  |
| D0891   | ENCORP. RFP 201604-93.  | MAY                  | PLN  | CMS  |
| DATE  | DATE  | DATE                 | DATE | DATE |
| SCALE   | DATE  | DATE                 | DATE | DATE |
| <b>BCHT</b>   |   |                      |      |      |
| GATHERSBURG, MARYLAND   |   |                      |      |      |
| EQUIPMENT LOCATIONS<br>REACTOR AND AUXILIARY BUILDINGS<br>PLAN GROUND FLOOR EL. 2'000 - "0" |   |                      |      |      |
| <b>AS-BUILT</b>   |   | UTILITY DRAWING NO.  |      | REV  |
| JOB NO.   |   | AS-BUILT DRAWING NO. |      | REV  |
|   |   | M-26022              |      | 70   |
| DRAWING APPROVED BY DATE  |   |                      |      |      |

FSAR Figure 1.2-12 is withheld per RIS 2015-17

FSAR Figure 1.2-12 is withheld per RIS 2015-17

|   |                                      |                       |                      |
|---|--------------------------------------|-----------------------|----------------------|
| 0151  | INCORP. MP 17-0004, REV. 0.          | SLK                   | AWH/ONE              |
| 0211  | INCORP. MP 16004, REV. 0 & REV. 1.   | SLK                   | AWH/ONE              |
| 0211  | LOCATION COLUMN IN TABLE REFORMATTED | SLK                   | AWH/ONE              |
| 0724  | INCORP. MP 10-000 FEN-01             | FLW                   | TJC/SAC              |
| 0727  | INCORP. MP 20201854                  | NAL                   | HLW/ONE              |
| NO.   | DATE                                 | REVISIONS             | BY                   |
| SCALE: 1"=10'   | DATE: 11-19-2018                     | DESIGNED BY: CHEN/PAW | CHECKED BY: CHEN/PAW |
| <b>BECHTEL</b><br>BETHESDA, MARYLAND  |                                      |                       |                      |
| <b>SNUPPS</b>   |                                      |                       |                      |
| EQUIPMENT LOCATIONS<br>REACTOR AND AUXILIARY BUILDINGS<br>PLAN: EL-2026'-0"<br>FSAR FIGURE 1.2-12 |                                      |                       |                      |
| <b>AS-BUILT</b>   |                                      | UTILITY DRAWING NO.   | REV.                 |
| JOB NO.   |                                      | BECHTEL DRAWING NO.   | REV.                 |
| M-26023   |                                      | 53                    |                      |
| DRAWING APPLICABLE TO UNIT: 2   |                                      |                       |                      |
| 1 3444 1" SIZE  |                                      |                       |                      |



FSAR Figure 1.2-13 is withheld per RIS 2015-17

FSAR Figure 1.2-13 is withheld per RIS 2015-17

|   |  |                     |      |       |
|---|--|---------------------|------|-------|
| Q2119   | INCORP. MP 17-0006, REV. G.                                      | SJK                 | AHR  | DME   |
| Q4119   | INCORP. CH 20190215  | EDH                 | AHR  | DME   |
| Q2119   | INCORP. RFR 160587, REV. 1                                       |                     |      |       |
| Q2119   | LOCATION COLUMN IN TABLE REFORMATTED FOR CONSISTENCY AND CLARITY | SJK                 | AHR  | DME   |
| Q30618  | INCORP. RFR 160558   | MGL                 | RLW  | DME   |
| Q30811  | INCORPORATE MP 12-0007   | JJC                 | MAL  | DMS   |
| REV. DATE   | REVISIONS  | DMM                 | CHK  | DAPPV |
| SCALE 1/8"=1'-0" DATE 12-1-78 (DESIGNED BY M. G. HANN, U.S. NRC)  |  |                     |      |       |
| <b>BECHTEL</b><br>BATHESBURG, MARYLAND  |  |                     |      |       |
| EQUIPMENT LOCATION<br>REACTOR AND AUXILIARY BUILDINGS<br>PLAN OPERATING FLOOR EL. 2047'-6"<br>FSAR FIGURE 1.2-13  |  |                     |      |       |
| <b>AS-BUILT</b>   |  | UTILITY DRAWING NO. | REV. |       |
| JOB NO.   |  | BECHTEL DRAWING NO. | REV. |       |
|   |  | M-2G024             | 68   |       |
| DRAWING APPLICABLE TO VIEWS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 |  |                     |      |       |

FSAR Figure 1.2-14 is withheld per RIS 2015-17

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D

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|     |        |                                       |       |      |      |
|-----|--------|---------------------------------------|-------|------|------|
| 34  | 072315 | INCORPORATE MP 10-0001 FCN-01.        | RLW   | TJC  | DME  |
| 33  | 110410 | INCORP. MP 07-0092 FCN-01.            | TJC   | MAL  | SKC  |
| 32  | 020810 | INCORP. MP 07-0092.                   | MAL   | TJC  | TWS  |
| 31  | 112508 | INCORPORATE MP 08-0033                | RLW   | EWM  | TWS  |
| 30  | 041708 | INCORP. RFR-200604320 (AC 08-000016). | TJC   | MAL  | TWS  |
| 29  | 041206 | INCORPORATE MP 03-1009                | RLW   | EWM  | TWS  |
| 28  | 011706 | INCORP. AC 05-000110.                 | MAL   | JHK  | TWS  |
| 27  | 110904 | INCORP. RFR-22941A.                   | MAL   | RLW  | TWS  |
| 26  | 032604 | INCORPORATE RFR 22513A.               | EWM   | RLW  | TWS  |
| 25  | 031003 | INCORP. CMP 00-1006A                  | DJB   | SKC  | TWS  |
| 24  | 072502 | INCORP. RFR-19054A.                   | JHK   | EWM  | TWS  |
| 23  | 062402 | INCORP. DEC-1829 & RFR-09330K         | RLW   | EWM  | AMR  |
| REV | DATE   | REVISIONS                             | DRAFT | CHKD | APPR |

SCALE 1/8"=1'-0" DATE 2-25-14 DESIGNED BY [signature] DRAWN BY [signature] CHECKED BY [signature]

BECHTEL  
GAITHERSBURG, MARYLAND

SNUPPS


EQUIPMENT LOCATIONS  
REACTOR AND AUXILIARY BUILDINGS  
PLAN EL. 2068'-8"  
FSAR FIGURE 1.2-14

|   |                     |     |
|---|---------------------|-----|
| AS-BUILT  | UTILITY DRAWING NO. | REV |
|   | BECHTEL DRAWING NO. | REV |
|  | M-2G025             | 34  |

DRAWING APPLICABLE TO UNIT 2

FSAR Figure 1.2-14 is withheld per RIS 2015-17

**FSAR Figure 1.2-15 is withheld per RIS 2015-17**

|  |         |                           |                     |      |                       |                |
|--|---------|---------------------------|---------------------|------|-----------------------|----------------|
| 10   | 072415  | INCORP. MP 10-0001 FCN-01 | RLW                 | TJC  | N/A                   | SKC            |
| 10   | 042005  | INCORP. RFR 22341A        | TJC                 | MAL  | N/A                   | TWS            |
| 9  | 031003  | INCORP. CWP 00-1006A      | DJB                 | SKC  | N/A                   | TWS            |
| 8  | 071301  | INCORP. MP 98-100406.     | JHK                 | MAL  | N/A                   | AMR            |
| 7  | 041510  | INCORP. RFR 15963B.       | JK                  | surv | N/A                   | QMS            |
| 6  | 082608  | INCORP. CMP 89-0103       | MAL                 | surv | —                     | QMS            |
| NO   | DATE    | REVISIONS                 | BY                  | CHK  | Q'S SUPV              | PROJ ENGR APPR |
| SCALE 1/4"=1'-0"   |         |                           | DATE 1-16-79        |      | DESIGNED BY DRAWN JEH |                |
| <h2 style="text-align: center;">BECHTEL</h2> <p style="text-align: center;">GATHERSBURG, MARYLAND</p>  |         |                           |                     |      |                       |                |
| <h2 style="text-align: center;">SNUPPS</h2>  |         |                           |                     |      |                       |                |
| <h3 style="text-align: center;">EQUIPMENT LOCATIONS</h3> <h3 style="text-align: center;">REACTOR AND AUXILIARY BUILDINGS</h3> <h3 style="text-align: center;">SECTION A</h3> <p style="text-align: center;">FSAR FIGURE 1.2-15</p> |         |                           |                     |      |                       |                |
| <h1 style="text-align: center;">AS-BUILT</h1>  |         |                           | UTILITY DRAWING NO. |      | REV                   |                |
|  |         |                           |                     |      |                       |                |
|   | JOB NO. |                           | BECHTEL DRAWING NO. |      | REV                   |                |
|  | 10466   |                           | M-2G026             |      | 11                    |                |
| DRAWING APPLICABLE TO UNITS  |         |                           | 2                   | 3    | 4                     | 5              |
|  |         |                           | 1                   | 2    | 3                     | 4              |



FSAR Figure 1.2-16 is withheld per RIS 2015-17

FSAR Figure 1.2-16 is withheld per RIS 2015-17

|   |          |   |     |     |                     |      |
|---|----------|---|-----|-----|---------------------|------|
|   | 072415   | INCCORP. MP 10-0001 FCN-01  | RLW | TJC | N/A                 | SKC  |
|   | 042005   | INCCORP. RFR 22941A.  | TJC | MAL | N/A                 | TWS  |
|   | 071301   | INCCORP. MP 98-1004D.   | JHK | MAL | N/A                 | AMR  |
|   | 12-5-90  | INCCORP. CHMP-BA-1026   | GER | RLW | -                   | -    |
|   | 10-9-90  | ISSUE PER EDP-EE-04024  | MAL | RLW | -                   | -    |
|   | 11-16-81 | INITIAL ISSUE REFLECTS<br>TRANSFER TO U.E. SUPERSEDES<br>M-24027 REV. B. INCCORP<br>CHMP-BA-09410 | GER | RLW | -                   | -    |
| NO.   | DATE     | REVISIONS   | BY  | CHK | DES                 | PROJ |
|   |          |   |     | CHK | ENGR                | ENGR |
| SCALE: 1/4"=1'-0" (DATE 3-14-74) DESIGNED DMM DRAWN RWV                                   |          |   |     |     |                     |      |
| BECHTEL   |          |   |     |     |                     |      |
| GAITHERSBURG, MARYLAND  |          |   |     |     |                     |      |
| SNUPPS  |          |   |     |     |                     |      |
| EQUIPMENT LOCATIONS<br>REACTOR AND AUXILIARY BUILDINGS<br>SECTION B<br>FSAR FIGURE 1.2-16 |          |   |     |     |                     |      |
| AS-BUILT  |          |   |     |     | UTILITY DRAWING NO. | REV. |
|   |          |   |     |     |                     |      |
| JOB NO.   |          |   |     |     | BECHTEL DRAWING NO. | REV. |
| 10466   |          |   |     |     | M-2G027             | 5    |
| DRAWINGS APPLICABLE TO SHEET  |          |   |     |     |                     |      |

FSAR Figure 1.2-17 is withheld per RIS 2015-17

FSAR Figure 1.2-17 is withheld per RIS 2015-17

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072415

INCORP. MP 10-0001 FCN-01

RLW

TJC

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SKC

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052207

INCORP. MP 06-0003.

MAL

TJC

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TWS

7

042005

INCORP. RFR 22941A

TJC

MAL

---

TWS

6

022898

INCORP. CMP 96-1012A

DJB

RBF

---

AMR

5

0201

INCORP CMP 93-1010

RLW

RLW

N/A

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4

0405

INCORP CMP 92-1055A

K

ENR

N/A

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3

2400

1991E PER EDP 82-04024

MAL

RLW

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2

1200

INCORP CMP 89-1025

SBR

RLW

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1

0400

1991E PER EDP 82-04024

MAL

RLW

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REFLECTS TURNOVER TO UE ;  
SUPERSEDES M-05028 R-Y &  
INC. CMP 84-0400

RLW

RLW

N/A

N/A

---

NO

DATE

REVISIONS

BY

CHK

DES

PROJ

APPV

SCALE: 1/8" = 1'-0"

DATE: 12-28-78

DESIGNED: DWM

DRAWN: HJB

CHKD: RLW

ENGR: RLW

PROJ: RLW

APPV: RLW

BECHTEL

GAITHERSBURG, MARYLAND

SNUPPS

EQUIPMENT LOCATIONS  
REACTOR AND AUXILIARY BUILDINGS  
SECTION C  
FSAR FIGURE 1.2-17

AS-BUILT

UTILITY DRAWING NO.

REV

BECHTEL

JOB NO.

BECHTEL DRAWING NO.

REV

10466

M-2G028

9

DRAWING APPLICABLE TO UNITS

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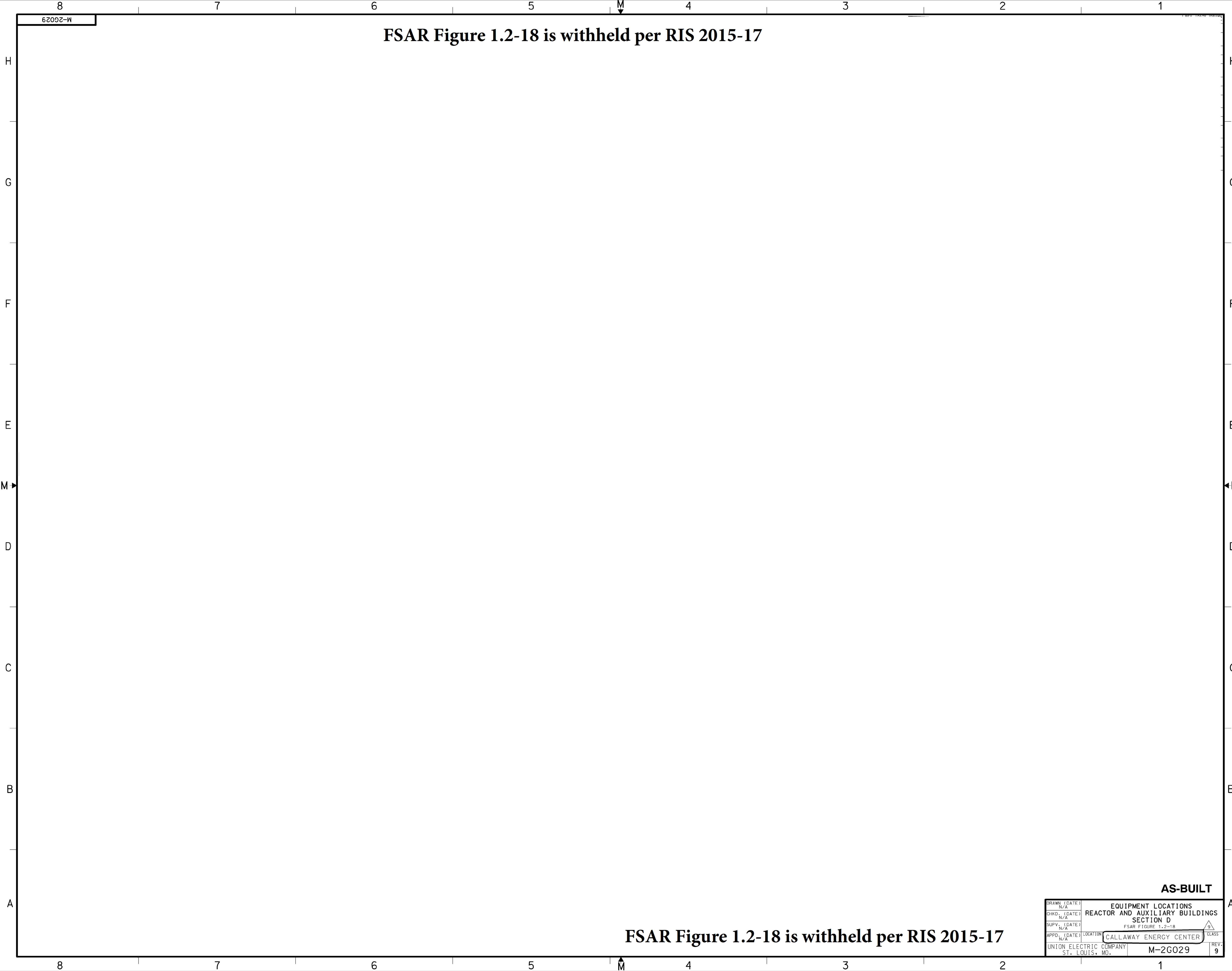
99

100

1

34x44

E" SIZE



FSAR Figure 1.2-18 is withheld per RIS 2015-17


FSAR Figure 1.2-18 is withheld per RIS 2015-17

M-2G029

|   |  |  |
|---|--|--|
| AS-BUILT  |  |  |
| EQUIPMENT LOCATIONS<br>REACTOR AND AUXILIARY BUILDINGS<br>SECTION D |  |  |
| FSAR FIGURE 1.2-18  |  |  |
| CALLAWAY ENERGY CENTER  |  |  |
| M-2G029   |  |  |



**FSAR Figure 1.2-19 is withheld per RIS 2015-17**

|   |        |   |                     |           |           |           |
|---|--------|---|---------------------|-----------|-----------|-----------|
| 8   | 060210 | INCORP. MP 03-0056<br>FCN-02, FCN-08.   | MAL                 | TJC       | N/A       | LMP       |
| 7   | 042005 | INCORP. RFR 22941A.   | TJC                 | MAL       | N/A       | TWS       |
| 6   | 082201 | INCORP. RFR 21270A.   | MAL                 | SKC       | N/A       | AMR       |
| 5   | 060701 | INCORP. RFR-20198B.   | JHK                 | MAL       | N/A       | AMR       |
| 4   | 042398 | INCORP. CMP 96-1012A  | DJB                 | RLW       | ---       | JHK       |
| 3   | 144400 | INCORP CMP 92-1010  | MAL                 | RLW       | ---       | Q-20      |
| 2   | 144400 | 144400 PER EDP 23-04024<br>REFLECTS TURNOVER TO UE<br>INCORP CMP 85-0395A   | 602                 | JB        | N/A       | CCC       |
| 1   | 921205 | DRAFTED CMP 84-049A, 4 CMP<br>84-05-01A PER LEB-539.<br>EXCEPTIONS PER CNCLP-0051.<br>THIS DWG. SUPERSEDES<br>DWG. M-0G030, REV. 7. | WYN                 | EL        | FS        | JKL       |
| NO. DATE  |        | REVISIONS   | BY CHK DESU         |           | CHKD ENGR | PROJ ENGR |
| SCALE 1"=10'  |        | DATE 3-16-74  | DESIGNED DWM        | DRAWN DJS |           | CHKD ENGR |
| <h1 style="text-align: center;">BECTHEL</h1> <p style="text-align: center;">GAITHERSBURG, MARYLAND</p>                          |        |   |                     |           |           |           |
| <h2 style="text-align: center;">SNUPPS</h2>   |        |   |                     |           |           |           |
| <p style="text-align: center;">EQUIPMENT LOCATIONS<br/>AUXILIARY BUILDING<br/>SECTIONS E, F, &amp; G<br/>FSAR FIGURE 1-2-19</p> |        |   |                     |           |           |           |
| <h1 style="text-align: center;">AS-BUILT</h1>   |        |   | UTILITY DRAWING NO. |           | REV       |           |
|    |        |   | BECTHEL DRAWING NO. |           | REV       |           |
| 10466   |        |   | M-2G030             |           | 8         |           |
| DRAWING APPLICABLE TO UNIT  |        |   | 2                   |           | 34-44     |           |

FSAR Figure 1.2-20 is withheld per RIS 2015-17

M-2G040

H

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F

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FSAR Figure 1.2-20 is withheld per RIS 2015-17

|  |        |                         |                     |           |                |
|--|--------|-------------------------|---------------------|-----------|----------------|
|  | 072017 | INCCORP. RFR 170008.    | MAL                 | RLW       | DME            |
|  | 071516 | INCCORP. RFR 201506791. | TJC                 | MAL       | DME            |
| NO.  | DATE   | REVISIONS               | BY                  | CHK       | APPR           |
| SCALE 1/8"=1'-0"   |        | DATE 3-7-78             | DESIGNED            | DRAWN JTB | CHIEF ENGINEER |
| <b>BECHTEL</b><br>GAITHERSBURG, MARYLAND   |        |                         |                     |           |                |
| EQUIPMENT LOCATIONS<br>FUEL BLDG. PLANS EL.2000'-0"<br>EL.2026'-0" & EL.2047'-6"<br>FSAR FIGURE 1.2-20 |        |                         |                     |           |                |
| <b>AS-BUILT</b>  |        |                         | UTILITY DRAWING NO. |           | REV            |
|  |        |                         | JOB NO.             |           | REV            |
|  |        |                         | BECHTEL DRAWING NO. |           | REV            |
|  |        |                         | M-2G040             |           | 36             |
| DRAWING APPLICABLE TO UNITS  |        |                         | 2                   |           |                |

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M-2G041

FSAR Figure 1.2-21 is withheld per RIS 2015-17

FSAR Figure 1.2-21 is withheld per RIS 2015-17

|  |               |  |          |                     |          |      |
|--|---------------|--|----------|---------------------|----------|------|
| 6  | 011717        | INCORP. MP 14-0014, FCN-01.  | MAL      | RLW                 | N/A      | DME  |
| 5  | 020216        | INCORPORATE MP 13-0038 FCN-07.   | CNS      | RLW                 | N/A      | DME  |
| 4  | 011115        | INCORPORATE CAR 201405515.   | CNS      | RLW                 | N/A      | DME  |
| 3  | 080515        | INCORPORATE MP 13-0038 FCN-01 & FCN-04.  | RLW      | TJC                 | N/A      | DME  |
| 2  | 042005        | INCORP. RFR 22941A.  | TJC      | MAL                 | N/A      | TWS  |
| 1  | 101399        | INCORP. MP 97-1016A.   | MAL      | EWM                 | N/A      | AMR  |
| 0  | 10/26/88      | INITIAL ISSUE SUPERCEDES M-06041 REV 4 REFLECTS TURNOVER TO U.E. INCORP CMP-85-0025A, & CMP-84-0570-FCN-01 | SBR      |                     |          |      |
| NO.  | DATE          | REVISIONS  | BY       | CHK                 | DES SUPV | ENGR |
| SCALE 1/8"=1'-0"   | DATE 10-17-18 | DESIGNED   | DRAWN JT | CHKD                | ENGR     | APPR |
| BECHTEL  |               |  |          |                     |          |      |
| GAITHERSBURG, MARYLAND   |               |  |          |                     |          |      |
| SNUPPS   |               |  |          |                     |          |      |
| EQUIPMENT LOCATIONS<br>FUEL BUILDING<br>SECTIONS A, B, & C<br>FSAR FIGURE 1.2-21 |               |  |          |                     |          |      |
| AS-BUILT   |               |  |          | UTILITY DRAWING NO. |          | REV  |
| JOB NO.  |               |  |          | BECHTEL DRAWING NO. |          | REV  |
| 10466  |               |  |          | M-2G041             |          | 6    |
| DRAWING APPLICABLE TO UNITS  |               |  |          |                     |          |      |



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M-26042

FSAR Figure 1.2-22 is withheld per RIS 2015-17

FSAR Figure 1.2-22 is withheld per RIS 2015-17

|  |            |   |                     |       |      |      |
|--|------------|---|---------------------|-------|------|------|
| 6  | 011117     | INCORP. MP 14-0014, FCN-01.   | MAL                 | RLW   | N/A  | DME  |
| 5  | 020216     | INCORPORATE MP 13-0038 FCN-07.  | CNS                 | RLW   | N/A  | DME  |
| 4  | 011116     | INCORPORATE CAR 201505515.  | CNS                 | RLW   | N/A  | DME  |
| 3  | 080515     | INCORPORATE MP 13-0038 FCN-01 & FCN-04.   | RLW                 | TJC   | N/A  | DME  |
| 2  | 042005     | INCORP. RFR 22941A.   | TJC                 | MAL   | N/A  | TWS  |
| 1  | 102099     | INCORP. MP 97-1016A.  | MAL                 | EWM   | N/A  | AMR  |
| 0  | 102600     | INITIAL ISSUE SUPERCEDES M-06042 R.A. REFLECTS TURN-OVER TO DE INCORP CMP 84-0570-FCN-01. | MAL                 | RLW   | N/A  | BY   |
| NO.  | DATE       | REVISIONS   | BY                  | CHK   | DES  | PROJ |
| SCALE  | 1/8"=1'-0" | DATE 11-2-78  | DESIGNED            | DRAWN | CHKD | APPR |
| BECHTEL  |            |   |                     |       |      |      |
| GAITHERSBURG, MARYLAND   |            |   |                     |       |      |      |
| SNUPPS   |            |   |                     |       |      |      |
| EQUIPMENT LOCATIONS<br>FUEL BUILDING<br>SECTIONS D, E, & F<br>FSAR FIGURE 1.2-22 |            |   |                     |       |      |      |
| AS-BUILT   |            |   | UTILITY DRAWING NO. |       | REV  |      |
| JOB NO.  |            |   | BECHTEL DRAWING NO. |       | REV  |      |
| 10466  |            |   | M-26042             |       | 6    |      |
| DRAWING APPLICABLE TO UNITS  |            |   | 2                   |       |      |      |



FSAR Figure 1.2-23 is withheld per RIS 2015-17

|                                     |                |  |                     |     |          |           |
|-------------------------------------|----------------|--|---------------------|-----|----------|-----------|
| 30                                  | 021110         | INCORP. MP 07-0066, FCN-24.  | MAL                 | TJC | N/A      | TWS       |
| 29                                  | 110904         | INCORP. RFR-22941A.  | MAL                 | RLW | N/A      | TWS       |
| 28                                  | 091804         | INCORPORATE RFR 17704B   | EWM                 | JHK | N/A      | TWS       |
| 27                                  | 041604         | INCORP. RFR 22782B.  | MAL                 | RLW | N/A      | TWS       |
| 26                                  | 112103         | INCORPORATE RFR 22782A   | EWM                 | RLW | N/A      | TWS       |
| 25                                  | 082003         | INCORPORATE RFR 20282E   | EWM                 | RLW | N/A      | TWS       |
| 24                                  | 032603         | INCORP. MP 01-1002A  | RLW                 | EWM | N/A      | TWS       |
| 23                                  | 082201         | INCORP. RFR-17126B.  | JHK                 | MAL | N/A      | AMR       |
| 22                                  | 050501         | INCORP. MP 00-1007 FCN-07 AND RFR 20282C.                                      | RLW                 | EWM | N/A      | AMR       |
| 21                                  | 021501         | INCORP. RFR-20493B.  | JHK                 | MAL | N/A      | AMR       |
| 20                                  | 062699         | INCORP. MP 97-1006 FCN-1B.   | JHK                 | MAL | N/A      | JHC       |
| 19                                  | 012299         | INC. RFR-19223A & RFR-19228A   | JHK                 | MAL | N/A      | AMR       |
| 18                                  | 090998         | INCORP. MP 97-1034C.   | MAL                 | JHK | N/A      | AMR       |
| 17                                  | 011498         | INCORP. RFR-17704A.  | JHK                 | EWM | N/A      | AMR       |
| 16                                  | 031497         | INCORP. RFR-17572A.  | JHK                 | EWM | N/A      | AMR       |
| 15                                  | 020697         | INCORP. CMP 96-1009A FCN-01.   | JHK                 | EWM | N/A      | AMR       |
| 14                                  | 121796         | INCORP. RFR-13528F.  | JHK                 | MAL | N/A      | AMR       |
| 13                                  | 071296         | INCORP. RMP 94-2005 FCN-02   | RLW                 | DLB | N/A      | AMR       |
| 12                                  | 11-14-93       | INCORP. RFR-16518A.  | K                   | EWM | N/A      | Q-2       |
| 11                                  | 7/31/94        | INCORP. RFR-16112A   | SEE H/P             | —   | —        | Q-2       |
| 10                                  | 10/11/94       | INCORP. RFR-14770C.  | MAL                 | SEE | —        | Q-2       |
| 9                                   | 8/6/94         | INCORP. RFR-14770A.  | MAL                 | SEE | —        | Q-2       |
| 8                                   | 3/24/93        | INCORP. RFR-10429 (MINOR MOD)  | SEE                 | SEE | —        | Q-2       |
| 7                                   | 6/19/92        | INCORP. CMP 91-1020  | SEE                 | SEE | —        | Q-2       |
| 6                                   | 3/3/92         | INCORP. RMP 90-2017.   | MAL                 | NR  | —        | Q-2       |
| 5                                   | 1/15/91        | ISSUED PER EDP-22-0A024.   | K                   | SEE | N/A      | Q-2       |
| 4                                   | 3/14/91        | INCORP. CMP-87-10B9.   | MAL                 | NR  | —        | Q-2       |
| 3                                   | 1/30/91        | INCORP. RFR-08400A.  | MAL                 | NR  | —        | Q-2       |
| 2                                   | 1/13/91        | ISSUE PER EDP-22-0A024   | MAL                 | NR  | —        | Q-2       |
| 1                                   | 1/14/89        | INCORP. CMP-87-10B9.   | MAL                 | NR  | N/A      | Q-2       |
| 0                                   | 3/2/86         | INITIAL ISSUE (RFR-1641A); REFLECTS TURNOVER TO UE 1 SUPERSEDES M-00050 REV. B | NR                  | NR  | N/A      | Q-2       |
| NO.                                 | DATE           | REVISIONS  | BY                  | CHK | DES SUPV | PROJ ENGR |
| SCALE: 1/8"=1'-0"                   | DATE: 11-22-78 | DESIGNED   | DRAWN               | CAI | CHIEF    | ENGR      |
| BECHTEL                             |                |  |                     |     |          |           |
| GAITHERSBURG, MARYLAND              |                |  |                     |     |          |           |
| SNUPPS                              |                |  |                     |     |          |           |
| EQUIPMENT LOCATIONS                 |                |  |                     |     |          |           |
| CONTROL BLDG. & COMM. CORRIDOR PLAN |                |  |                     |     |          |           |
| EL. 1974'-0" & EL. 1984'-0"         |                |  |                     |     |          |           |
| FSAR FIGURE 1.2-23                  |                |  |                     |     |          |           |
| AS-BUILT                            |                |  | UTILITY DRAWING NO. |     | REV      |           |
| JOM NO.                             |                |  | BECHTEL DRAWING NO. |     | REV      |           |
| M-2G050                             |                |  | 30                  |     |          |           |
| DRAWING APPLICABLE TO UNITS         |                |  | 2                   |     |          |           |
|                                     |                |  | 34x44               |     | E" SIZE  |           |

FSAR Figure 1.2-23 is withheld per RIS 2015-17


FSAR Figure 1.2-24 is withheld per RIS 2015-17

FSAR Figure 1.2-24 is withheld per RIS 2015-17

|  |  |                      |          |      |
|--|--|----------------------|----------|------|
| 00211  | INCORP. MP 16-0024, REV. 0.  | AWR                  | SJK      | DNE  |
| 00211  | INCORP. MP 16-0024, REV. 0. REV. 1. SMALL LEGACY ERROR, & PER ENG. MARKUP. | SJK                  | AWR      | DNE  |
| 11241  | INCORP. MP 11-0020, REV. 0. AND FON-01.                                    | NAAL                 | RLW      | DNE  |
| 03291  | INCORPORATE MP 12-0020 REL. 0.   | RLW                  | TJC      | DNE  |
| 00211  | INCORPORATE FC 15-00040. MP 20110189.                                      | CNS                  | RLW      | DNE  |
| NO.  | DATE   | REVISIONS            | DRWN     | CHKD |
| SCALE: 1/8" = 1'-0"  |  | DATE: 01/1/00        | DESIGNED | CHKD |
| <b>BECHTEL</b><br>SAN FRANCISCO, CALIFORNIA  |  |                      |          |      |
| <b>SNUPPS</b>  |  |                      |          |      |
| EQUIPMENT LOCATIONS<br>CONTROL & DIESEL GEN. BLDGS. AND COMM.<br>CORRIDOR PLAN EL. 2000'-0" & EL. 2016'-0"<br>FSAR FIGURE 1.2-24 |  |                      |          |      |
| <b>AS-BUILT</b>  |  | UTILITY BRIDGING NO. | REV.     |      |
| JOB NO.  |  | BECHTEL DRAWING NO.  | REV.     |      |
|  |  | M-26051              | 45       |      |
| REVISIONS APPLICABLE TO SHEET  |  | 1 3444 1" 50'        |          |      |

FSAR Figure 1.2-25 is withheld per RIS 2015-17

FSAR Figure 1.2-25 is withheld per RIS 2015-17

|  |                            |                     |                     |          |
|--|----------------------------|---------------------|---------------------|----------|
| 011619   | INCRP. MP 08-0027, FCN-04. | CBH                 | SLK                 | DNE      |
| 010211   | INCRP. MP 13-0002, FCN-01. | MAL                 | PLW                 | DNE      |
| REV. 1   | 01/13/2015                 | DATE 11-13-15       | DESIGNED            | DRAWN ON |
| <b>BECHTEL</b><br>BATHESBURG, MARYLAND   |                            |                     |                     |          |
| <b>SNUPPS</b><br>EQUIPMENT LOCATIONS<br>CONTROL & DIESEL GENS. BLDGS. AND COMM.<br>CORRIDOR PLAN EL.2032' -0" & EL.2047' -6"<br>FSAR FIGURE 1.2-25 |                            |                     |                     |          |
| <b>AS-BUILT</b>  |                            | UTILITY DRAWING NO. | REV.                |          |
|   |                            | JOB NO.             | BECHTEL DRAWING NO. | REV.     |
|  |                            |                     | M-26052             | 34       |
| DRAWING APPLICABLE TO UNIT: 1 3404 1" 502  |                            |                     |                     |          |

FSAR Figure 1.2-26 is withheld per RIS 2015-17

H

G

F

E

D

C

B

A

|    |        |                                    |     |     |     |     |
|----|--------|------------------------------------|-----|-----|-----|-----|
| 17 | 060613 | INCORP. MP 11-0022 FCN-01.         | TJC | MAL | N/A | LMP |
| 16 | 110107 | INCORP. CARS 20070996T.            | MAL | TJC | N/A | TWS |
| 15 | 042009 | INCORP. RFR 22941A.                | TJC | MAL | N/A | TWS |
| 14 | 103100 | INCORP. RFR-19484B.                | JHK | MAL | N/A | AMR |
| 13 | 032700 | INCORP. RFR-20282A AND RFR-20357A. | JHK | MAL | N/A | AMR |
| 12 | 080699 | INCORP. RFR-19484A.                | DLB | SKC | N/A | AMR |
| 11 | 041698 | INCORP. RFR-18540A.                | MAL | EXM | N/A | JHK |
| 10 | 011498 | INCORP. RFR-18299A.                | JHK | EXM | N/A | AMR |
| 9  | 041697 | INCORP. RFR-17674A.                | JHK | EXM | N/A | AMR |
| 8  | 031497 | INCORP. RFR-10753C.                | JHK | EXM | N/A | AMR |

| NO. | DATE | REVISIONS | BY | CHK | DES  | PROJ | APP  |
|-----|------|-----------|----|-----|------|------|------|
|     |      |           |    |     | SUPV | ENGR | ENGR |

SCALE 1/8"=1'-0" DATE 12-1-18 DESIGNED DRAWN CAI

BECHTEL  
GAITHERSBURG, MARYLAND

EQUIPMENT LOCATIONS  
CONTROL, DIESEL, GENS., & COMM. CDRR, BLDGS.  
PLAN ELS. 2061'-6", 2066'-0" & 2073'-6" & SEC. "D"  
FSAR FIGURE 1.2-26

| AS-BUILT | UTILITY DRAWING NO. | REV |
|----------|---------------------|-----|
|          |                     |     |

|                             |         |    |
|-----------------------------|---------|----|
| 10466                       | M-2G053 | 17 |
| DRAWING APPLICABLE TO UNITS |         |    |

FSAR Figure 1.2-26 is withheld per RIS 2015-17



FSAR Figure 1.2-27 is withheld per RIS 2015-17

H

G

F

E

D

C

B

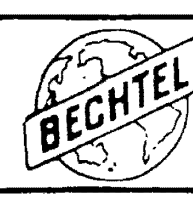
A

|                    |          |   |              |     |     |                                |
|--------------------|----------|---|--------------|-----|-----|--------------------------------|
| △                  | 030217   | INCORP. MP 13-0002, FCN-01.   | MAL          | RLW | N/A | DME                            |
| △                  | 042005   | INCORP. RFR 22941A.   | TJC          | MAL | N/A | TWS                            |
| △                  | 021501   | INCORP. MP 00-1007A.  | JHK          | MAL | N/A | AMR                            |
| △                  | 051698   | INCORP. DEC-1609.   | JHK          | MAL | N/A | JHC                            |
| △                  | 6-22-91  | INCORP. CMP 91-1020.  | MAL          | RLW | —   | RLW                            |
| △                  | 11/15/91 | ISSUED PER EDP-ZZ-0402A.  | K            | RLW | N/A | RLW                            |
| △                  | 11/14/91 | INCORP. CMP 87-1059.  | MAL          | RLW | N/A | RLW                            |
| △                  | 8-8-91   | INCORP. CMP. 85-0290.   | 4DC          | RLW | N/A | RLW                            |
| △                  | 7-23-96  | INC. CMP 85-0113 ; REFLECTS TURNOVER TO UE ; SUPERSEDES M-06054 R-5 | 8            | RLW | N/A | RLW                            |
| NO. DATE           |          |   | REVISIONS    |     |     | BY CHK DES ENGR PROJ APPR      |
| SCALE 1/8" = 1'-0" |          |   | DATE 2-28-74 |     |     | DESIGNED DRAWN C.B. CHIEF ENGR |

BECHTEL

GAITHERSBURG, MARYLAND

|   |                     |                     |
|---|---------------------|---------------------|
| SNUPPS                                  |                     |                     |
| EQUIPMENT LOCATIONS                     |                     |                     |
| CONTROL & DIESEL GENS. BLDGS. AND COMM. |                     |                     |
| CORRIDOR SECTION "A"                    |                     |                     |
| FSAR FIGURE 1.2-27                      |                     |                     |
| AS-BUILT                                | UTILITY DRAWING NO. | REV                 |
|   | JOB NO.             | BECHTEL DRAWING NO. |
|   | 10466               | M-2G054             |
|   |                     | 8                   |



DRAWING APPLICABLE TO UNITS

2

34x44 "E" SIZE

FSAR Figure 1.2-27 is withheld per RIS 2015-17

**FSAR Figure 1.2-28 is withheld per RIS 2015-17**



Figure withheld in accordance with 10 CFR 2.390


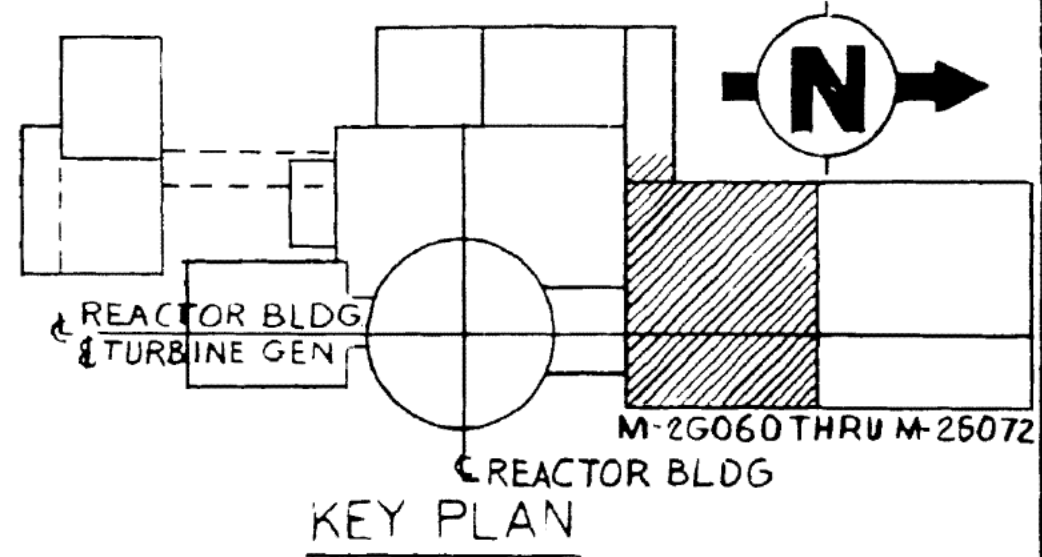
|   |         |   |          |                     |       |       |                     |       |  |
|---|---------|---|----------|---------------------|-------|-------|---------------------|-------|--|
| △ <sub>12</sub>   | 060711  | INCORP. RFR 201100321.  | MAL      | TJC                 | N/A   | TWS   |                     |       |  |
| △ <sub>11</sub>   | 090310  | INCORP. MP 10-0032.   | MAL      | EWB                 | N/A   | LMP   |                     |       |  |
| △ <sub>10</sub>   | 120906  | INCORP. RFR 200707619.<br>CHANGE SCAFFOLD AREA'S<br>AREAFILL.   | MAL      | TJC                 | N/A   | TWS   |                     |       |  |
| △ <sub>9</sub>  | 042005  | INCORP. RFR-222941A.  | TJC      | MAL                 | N/A   | TWS   |                     |       |  |
| △ <sub>8</sub>  | 032700  | INCORP. RFR-20282A.   | JHK      | MAL                 | N/A   | AMR   |                     |       |  |
| △ <sub>7</sub>  | 052896  | INC'D RWP 91-2014 FCN-02  | RBF      | DJB                 | N/A   | AMR   |                     |       |  |
| △ <sub>6</sub>  | 032898  | INCORP.<br>RFR-16778A.  | JHK      | EWB                 | N/A   | AMR   |                     |       |  |
| △ <sub>5</sub>  | 3/27/71 | INCORP.<br>RFR-07718A.  | K        | JC                  | N/A   | AMR   |                     |       |  |
| △ <sub>4</sub>  | 6/22/71 | INCORP. CPM 91-1020.  | MAL      | 7/2                 | —     | AMR   |                     |       |  |
| △ <sub>3</sub>  | 11/2/71 | ISSUED PER<br>EDP-22-04024.   | K        | 7/2                 | N/A   | AMR   |                     |       |  |
| △ <sub>2</sub>  | 5/16/80 | REFLECTS TURNOVER TO UE<br>INCORP. CPM 84-0088B.  | K        | 1/24                | N/A   | AMR   |                     |       |  |
| △ <sub>1</sub>  | 3/24/80 | DRAFTED TO INCORPORATE<br>CPM 81-03-013B.   | 1/24     | 7/2                 | N/A   | AMR   |                     |       |  |
| △ <sub>0</sub>  | 1/2/81  | DRAFTED CPM 84-05-97A<br>PER ELB-SIO CPM 80-003-<br>33A PER ELB-S22. THIS DWG.<br>SUPERSEDES M-03060 REV.5. | EDP      | 1/1/81              | 7/2   | AMR   |                     |       |  |
| NO.   | DATE    | REVISIONS   | BY       | CHK                 | DR    | ENGR  | PROJ                | APPR  |  |
| SCALE 1/8"=1'-0"  |         | DATE 1-15-74  | DESIGNED | D.L.W               | DRAWN | R.J.C | ENGR                | J.P.C |  |
| <b>BECHTEL</b>  |         |   |          |                     |       |       |                     |       |  |
| GAITHERSBURG, MARYLAND  |         |   |          |                     |       |       |                     |       |  |
| <b>SNUPPS</b>   |         |   |          |                     |       |       |                     |       |  |
| EQUIPMENT LOCATION<br>TURBINE BUILDING<br>CONDENSER PIT - PLAN EL. 1983'-0"           |         |   |          |                     |       |       |                     |       |  |
| FSAR FIGURE 1.2-29  |         |   |          |                     |       |       |                     |       |  |
| <b>AS-BUILT</b>   |         |   |          | UTILITY DRAWING NO. |       |       | REV                 |       |  |
|  |         |   |          | JOB NO.             |       |       | BECHTEL DRAWING NO. |       |  |
|   |         |   |          | 10466               |       |       | M-2G060             |       |  |
| DRAWING APPLICABLE TO UNITS   |         |   |          | 7                   |       |       | 12                  |       |  |







Figure withheld in accordance with 10 CFR 2.390



- NOTES:
- 1. DELETED.
  - 2. THE FOLLOWING NON-PLANT EQUIPMENT ITEMS HAVE BEEN APPROVED FOR STORAGE AT THE GENERAL LOCATIONS SHOWN.

| APPROVED NON-PLANT EQUIPMENT STORAGE |                         |                      |           |                |
|--------------------------------------|-------------------------|----------------------|-----------|----------------|
| ITEM                                 | DESCRIPTION             | APPROVAL DOCUMENT(S) | RESP DEPT | LOCATION       |
| 1                                    | 10' PROTECTION BARRIERS | RFR-160587           | OPS       | (2)TB-TD/T8-T9 |

|   |          |  |                |                     |     |      |      |      |
|---|----------|--|----------------|---------------------|-----|------|------|------|
| 9   | 020819   | INCORP RFR-160587, REV. 1.   | SJK/AHR        | N/A                 | DME |      |      |      |
| 8   | 051011   | INCORP. MP 10-0038 FCN-15.   | MAL/TJC        | N/A                 | TWS |      |      |      |
| 7   | 090310   | INCORP. MP 10-0032.  | MAL/EWM        | N/A                 | LMP |      |      |      |
| 6   | 042005   | INCORP RFR-22941A  | TJC/MAL        | N/A                 | TWS |      |      |      |
| 5   | 100298   | INCORP RFR-19394B  | SKC/MAL        | N/A                 | AMR |      |      |      |
| 4   | 102398   | INCORP DEC-1360  | DLB/EWM        | N/A                 | AMR |      |      |      |
| 3   | 7/4/15   | INCORP RFR-16056A.   | K/EHL          | N/A                 | DME |      |      |      |
| 2   | 11/11/15 | INCORP RFR-15704A  | HLp/SK         | N/A                 | DME |      |      |      |
| 1   | 11/23/15 | INCORP RFR-08942B.   | MAL/SK         | —                   | AMR |      |      |      |
| 1   | 12/30/15 | INITIAL ISSUE SUPERSEDES M-08062 REV 4. REFLECTS TURNOVER TO UE# INCORP CMP-04-0754A | SK/SJK         | N/A                 | AMR |      |      |      |
| NO  | DATE     | REVISIONS  | BY             | CHK                 | DES | ENGR | PROJ | APP  |
| SCALE 1/8"=1'-0"  |          | DATE 1/22/74   | DESIGNED BY LW | DRAWN AE Z          | CHK | DES  | ENGR | PROJ |
| BECHTEL<br>GAITHERSBURG, MARYLAND   |          |  |                |                     |     |      |      |      |
| SNUPPS  |          |  |                |                     |     |      |      |      |
| EQUIPMENT LOCATION<br>TURBINE BUILDING<br>PARTIAL PLAN EL. 2015'-0"<br>FSAR FIGURE 1.2-31 |          |  |                |                     |     |      |      |      |
| AS-BUILT  |          |  |                | UTILITY DRAWING NO. |     | REV  |      |      |
| JOB NO.   |          |  |                | BECHTEL DRAWING NO. |     | REV  |      |      |
| 10466   |          |  |                | M-2G062             |     | 9    |      |      |
| DRAWING APPLICABLE TO UNITS   |          |  |                | 2                   |     |      |      |      |

Figure withheld in accordance with 10 CFR 2.390

Figure withheld in accordance with 10 CFR 2.390

NOTES:

1. THE FOLLOWING NON-PLANT EQUIPMENT HAS BEEN APPROVED FOR STORAGE AT THE GENERAL LOCATIONS SHOWN.

| APPROVED NON-PLANT EQUIPMENT STORAGE |                             |                      |           |                |                               |
|--------------------------------------|-----------------------------|----------------------|-----------|----------------|-------------------------------|
| ITEM                                 | DESCRIPTION                 | APPROVAL DOCUMENT(S) | RESP DEPT | ROOM NO.       | LOCATION(S)                   |
| 5                                    | BREAKER MAINT TOOLS/CABINET | RFR-18001A           | MAINT     | 4401 GEN. FLR. | TE/T3                         |
| 6                                    | HOSE RACK AND HOSES         | RFR-18317A           | OPS       | 4401 GEN. FLR. | TD-TE/T10-T11                 |
| 7                                    | AIR WRENCH CART & TOOLS     | RFR-18317A           | OPS       | 4401 GEN. FLR. | TB/T10-T11                    |
| 8                                    | SECURITY CHESTS             | RFR-19923A           | SEC       | 4401           | TB/T1, TG/T7-T8, TG/T4        |
| 9                                    | OFFICE FURNITURE            | RFR-201405347        | I&C       | 4401           | TE/T2-T3                      |
| 10                                   | REMOTE RACKING MECHANISM    | RFR-201101991        | OPS       | 4401           | TF/T3                         |
| 11                                   | BREAKER LIFTING RIGS        | RFR-160509           | ME        | 4401 GEN. FLR. | TF/T2-T3                      |
| 12                                   | SPARE BREAKERS              | RFR-160509           | ME        | 4401 GEN. FLR. | TE/T1-T2                      |
| 13                                   | 65' PROTECTION BARRIERS     | RFR-160587           | OPS       |                | (2) TB/T3-T4, (3) TE-TG/T5-T6 |
| 14                                   | 10' PROTECTION BARRIERS     | RFR-160587           | OPS       |                | (2) TE/T1-T2, (6) TD-TG/T3-T4 |
| 15                                   | PLANT STATUS CABINET        | RFR-160587           | OPS       |                | TF/T3                         |

Figure withheld in accordance with 10 CFR 2.390

|  |              |  |       |               |       |
|--|--------------|--|-------|---------------|-------|
| 32   | 052919       | INCCORP. MP 18-0039, REV. 0.             | SJK   | AHR           | DME   |
| 31   | 020819       | INCCORP. RFR 160587, REV. 0 & REV. 1.    | SJK   | AHR           | DME   |
| 30   | 022718       | INCCORP. RFR 160509.                     | MAL   | RLW           | DME   |
| 29   | 020918       | INCCORP. MP 08-0056, REV. 0.             | MAL   | RLW           | DME   |
| 28   | 022116       | INCORPORATE AC 15-000040, RFR 201101991. | CNS   | RLW           | DME   |
| 27   | 101515       | INCCORP. RFR 201405347.                  | MAL   | RLW           | DME   |
| NO.  | DATE         | REVISIONS                                | BY    | CHK           | APPR  |
| SCALE 1/8"=1'-0"   | DATE 4-11-75 | DESIGNED                                 | DRAWN | CHIEF         | ENGR. |
| BECHTEL<br>GAITHERSBURG, MARYLAND  |              |  |       |               |       |
| SNUPPS   |              |  |       |               |       |
| EQUIPMENT LOCATION<br>TURBINE BUILDING<br>MEZZANINE FLOOR PLAN EL.2033'-0"<br>FSAR FIGURE 1.2-32 |              |  |       |               |       |
| AS-BUILT   |              | UTILITY DRAWING NO.                      |       | REV           |       |
| JOB NO.  |              | BECHTEL DRAWING NO.                      |       | REV           |       |
| 10466  |              | M-2G063                                  |       | 32            |       |
| DRAWING APPLICABLE TO UNITS  |              | 2  |       | 34x44 1" SIZE |       |

FSAR Figure 1.2-33 is withheld per RIS 2015-17

FSAR Figure 1.2-33 is withheld per RIS 2015-17

|                                   |                                       |                     |      |          |
|-----------------------------------|---------------------------------------|---------------------|------|----------|
| 002819                            | INCORP. MP 18-0039, REV. 0.           | SLK                 | AWD  | 04/04/04 |
| 002819                            | INCORP. RFR 160430, REV. 0.           | UHS                 | MAJ  | 04/04/04 |
| 002819                            | INCORPORATE MP 16-0039, REV. 0.       | UHS                 | MAJ  | 04/04/04 |
| 002819                            | INCORPORATE MP 18-0035, REV. 13       | SLW                 | TJC  | 04/04/04 |
| 002819                            | INCORP. MP 01-1002 FCN-10             | SLW                 | MAJ  | 04/04/04 |
| 002819                            | INCORP. MP 11-0022 FCN-01             | TJC                 | MAJ  | 04/04/04 |
| 002819                            | CORRECTED TYPE IN REV. 16 REV. BLOCK. |                     |      |          |
| NO.                               | DATE                                  | REVISIONS           | BY   | CHKD     |
| 002819                            | 04/04/04                              | 01                  | SLK  | UHS      |
| BECHTEL                           |                                       |                     |      |          |
| EQUIPMENT LOCATION                |                                       |                     |      |          |
| TURBINE BUILDING                  |                                       |                     |      |          |
| OPERATING FLOOR-PLAN EL. 2065'-0" |                                       |                     |      |          |
| FSAR FIGURE 1.2-33                |                                       |                     |      |          |
| AS-BUILT                          |                                       | UTILITY DRAWING NO. | REV. |          |
| JOB NO.                           |                                       | BECHTEL DRAWING NO. | REV. |          |
| 10466                             |                                       | M-2G064             | 22   |          |
| DRAWING APPROVED TO PRINT         |                                       |                     |      |          |

Figure withheld in accordance with 10 CFR 2.390

Figure withheld in accordance with 10 CFR 2.390


|   |  |                     |            |            |
|---|--|---------------------|------------|------------|
| 090310  | INCORP. MP 10-0032.  | MAL                 | EWI        | LMP        |
| 081805  | INCORPORATE MP 03-1017C  | EWI                 | JHK        | TWS        |
| 042007  | INITIAL ISSUE. REFLECTS TURNOVER TO UE. THIS DWG. SUPERCEDES M-00065 REV. 7. INC. CMP 85-0265 & RFR 01127. | JGH                 | DLB        | DHZ        |
| REV. DATE   | REVISIONS  | BY                  | CHK        | APPR       |
| SCALE 1/8"=1'-0"  | DATE 12-5-73   | DESIGNED D/W        | DRAWN C/JM | CHIEF KGBR |
| <b>BECHTEL</b><br>GAITHERSBURG, MARYLAND  |  |                     |            |            |
| <b>SNUPPS</b>   |  |                     |            |            |
| EQUIPMENT LOCATION<br>TURBINE BUILDING<br>SECTION "A"<br>FSAR FIGURE 1.2-34           |  |                     |            |            |
| <b>AS-BUILT</b>   |  | UTILITY DRAWING NO. |            | REV        |
|  |  | BECHTEL DRAWING NO. |            | REV        |
| 10466   |  | M-2G065             |            | 6          |
| DRAWING APPLICABLE TO UNITS 2 1   |  |                     |            |            |



Figure withheld in accordance with 10 CFR 2.390

Figure withheld in accordance with 10 CFR 2.390

|   |   |           |       |     |      |
|---|---|-----------|-------|-----|------|
| 042005  | INCORP. RFR-22941A.   | TJC       | MAL   | N/A | TWS  |
| 022502  | INCORP. MP 99-2016A.  | JHK       | MAL   | N/A | AMR  |
| 1/3   | INITIAL ISSUE SUPERSEDES M-06066 REVS, REFLECTS TURNOVER TO U E, INCORP CMP 86-Q2-50A | W         | 3/27  | N/A | N/A  |
| NO  | DATE  | REVISIONS | BY    | CHK | ENGR |
| SCALE 1/8"=1'-0"                                      | DATE 4/23/75  | DESIGNED  | DRAWN | CHK | ENGR |
| <b>BECHTEL</b>  |   |           |       |     |      |
| GAITHERSBURG, MARYLAND                                |   |           |       |     |      |
| <b>SNUPPS</b>   |   |           |       |     |      |
| EQUIPMENT LOCATION<br>TURBINE BUILDING<br>SECTION "B" |   |           |       |     |      |
| FSAR FIGURE 1.2-35                                    |   |           |       |     |      |
| <b>AS-BUILT</b>                                       |   |           |       |     |      |
| UTILITY DRAWING NO.                                   |   |           |       |     |      |
| REV   |   |           |       |     |      |
| JOB NO.   |   |           |       |     |      |
| BECHTEL DRAWING NO.                                   |   |           |       |     |      |
| 10466   |   |           |       |     |      |
| M-2G066   |   |           |       |     |      |
| 2   |   |           |       |     |      |
| DRAWING APPLICABLE TO UNITS                           |   |           |       |     |      |

Figure withheld in accordance with 10 CFR 2.390

Figure withheld in accordance with 10 CFR 2.390

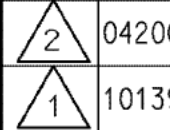
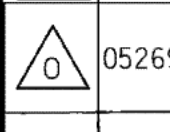
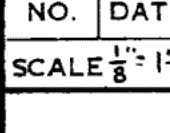



|   |        |   |                     |     |                     |       |
|---|--------|---|---------------------|-----|---------------------|-------|
|    | 042000 | INCORP.<br>RFR-22941A.  | TJC                 | MAL | N/A                 | TWS   |
|    | 101398 | INCORP.<br>RMP-98-2004A.  | RLW                 | DJB | N/A                 | AMR   |
|    | 052698 | INITIAL ISSUE. SUPERCEDES<br>DWG. M-06067 REV. 6. RE-<br>FLECTS TURNOVER TO UE. | JHK                 | MAL | N/A                 | AMR   |
| NO.   | DATE   | REVISIONS   | BY                  | CHK | DRS                 | ENGR  |
|   |        |   |                     |     | SUPV                | CHIEF |
|   |        |   |                     |     | ENGR                | ENGR  |
| SCALE 1"=1'-0" DATE 3-15-74 DESIGNED RHM DRAWN <i>Spencer</i>   |        |   |                     |     |                     |       |
| <b>BECHTEL</b><br>GAITHERSBURG, MARYLAND  |        |   |                     |     |                     |       |
| <b>SNUPPS</b>   |        |   |                     |     |                     |       |
| EQUIPMENT LOCATION<br>TURBINE BUILDING<br>SECTION "C"<br> PSAR FIGURE 1.2-36 |        |   |                     |     |                     |       |
| <b>AS-BUILT</b>   |        |   | UTILITY DRAWING NO. |     | REV                 |       |
|    |        |   | JOB NO.             |     | BECHTEL DRAWING NO. |       |
|   |        |   | 10466               |     | M-2G067             |       |
|   |        |   |                     |     | 2                   |       |
| DRAWING APPLICABLE TO UNITS   |        |   |                     |     |                     |       |

Figure withheld in accordance with 10 CFR 2.390

Figure withheld in accordance with 10 CFR 2.390

|   |              |   |                     |               |                     |                      |
|---|--------------|---|---------------------|---------------|---------------------|----------------------|
| 3   | 032009       | INCORP. CHANGE REQUEST<br>RFR 022395A P01<br>(RFR CAR 200503454).                   | MAL                 | TJC           | N/A                 | TWS                  |
| 2   | 042005       | INCORP. RFR 22941A  | TJC                 | MAL           | N/A                 | TWS                  |
| 1   | 042005       | REFLECTS TURNOVER TO UE &<br>INCORP. CMP 04-02-50P                                  | WLS                 | WLS           | N/A                 | N/A                  |
| 0   | 042005       | DRAFTED CMP 04-03-33A<br>PER ELB-532. THIS<br>DRAWING SUPERSEDES<br>M-09068 REV. 5. | WLS                 | WLS           | N/A                 | N/A                  |
| NO.   | DATE         | REVISIONS   | BY                  | CHK           | DES<br>SUPV         | PROJ<br>ENGR         |
| SCALE 1/8" = 1'-0"  | DATE 4-12-74 | DESIGNED RMP  | DRAWN T. J. C.      | CHKD J. W. L. | DES. SUPV. J. W. L. | PROJ. ENGR. J. W. L. |
| <b>BECHTEL</b><br>GAITHERSBURG, MARYLAND                                    |              |   |                     |               |                     |                      |
| <b>SNUPPS</b>   |              |   |                     |               |                     |                      |
| EQUIPMENT LOCATION<br>TURBINE BUILDING<br>SECTION "D"<br>FSAR FIGURE 1.2-37 |              |   |                     |               |                     |                      |
| <b>AS-BUILT</b>   |              |   | UTILITY DRAWING NO. |               | REV                 |                      |
| JOB NO.   |              |   | BECHTEL DRAWING NO. |               | REV                 |                      |
| 10466   |              |   | M-2G068             |               | 3                   |                      |
| DRAWING APPLICABLE TO UNITS   |              |   | 2                   |               | 1                   |                      |

Figure withheld in accordance with 10 CFR 2.390

- NOTES:
- 1. \* PROVISION FOR FUTURE CONDENSER TUBE CLEANING EQUIPMENT
  - 2.  DENOTES EQUIPMENT PERMANENTLY REMOVED FROM SERVICE AND MAY NOT BE LOCATED AS SHOWN.

|   |   |                     |          |            |             |
|---|---|---------------------|----------|------------|-------------|
| 042005  | INCCORP. RFR 22941A.  | TJC                 | MAL      | ----       | TWS         |
| 01992   | INCCORP. CMP 91-1020  | MAL                 | ---      | ---        | ---         |
| 11591   | ISSUE PER EDPF ZZ-04024   | ESR                 | ---      | ---        | ---         |
| 3-7-86  | INITIAL ISSUE, REFLECTS TURN-OVER TO UC. THIS DWG SUPERSEDES M-06049 REV 4, INCCORP. CMP 84-03-138. | SK                  | 2-13     | N/A        | N/A         |
| NO.   | DATE  | REVISIONS           | BY       | CHK        | DES         |
| SCALE   | 1"=0'   | DATE 7-7-75         | DESIGNED | DRAWN B.S. | PROJ. ENGR. |
| <b>BECHTEL</b><br>GAITHERSBURG, MARYLAND                                    |   |                     |          |            |             |
| <b>SNUPPS</b>   |   |                     |          |            |             |
| EQUIPMENT LOCATION<br>TURBINE BUILDING<br>SECTION "E"<br>FSAR FIGURE 1.2-35 |   |                     |          |            |             |
| <b>AS-BUILT</b>   |   | UTILITY DRAWING NO. |          | REV        |             |
| JOB NO.   |   | BECHTEL DRAWING NO. |          | REV        |             |
| 10466   |   | M-2G069             |          | 3          |             |
| DRAWING APPLICABLE TO UNITS   |   |                     |          |            |             |

Figure withheld in accordance with 10 CFR 2.390



Figure withheld in accordance with 10 CFR 2.390

Figure withheld in accordance with 10 CFR 2.390

|  |          |  |         |      |      |
|--|----------|--|---------|------|------|
|  | 042005   | INCORP. RFR 22941A.  | TJC     | MAL  | TWS  |
|  | 060804   | INITIAL ISSUE, REFLECTS TURNOVER TO UE. SUPERCEDES M-06070 REV 4.        | EMM     | JHK  | TWS  |
| NO.                                      | DATE     | REVISION   | BY      | CHKD | APPR |
| DRAWN                                    | N/A      | <div>EQUIPMENT LOCATION<br/>TURBINE BUILDING<br/>SECTION "F".<br/></div> |         |      |      |
| CHKD.                                    | N/A      |  |         |      |      |
| SUPV.                                    | N/A      |  |         |      |      |
| APPD.                                    | N/A      |  |         |      |      |
| N/A                                      | LOCATION | CALLAWAY PLANT UNIT 1  | CLASS   | REV  |      |
| UNION ELECTRIC COMPANY<br>ST. LOUIS, MO. |          |  | M-2G070 |      | 1    |

Figure withheld in accordance with 10 CFR 2.390

Figure withheld in accordance with 10 CFR 2.390

|   |  |             |                     |            |           |
|---|--|-------------|---------------------|------------|-----------|
| 042005  | INCORP. RFR 22941A   | TJC         | MAL                 | N/A        | TWS       |
| 0   | INITIAL ISSUE REFLECTS TURN-OVER TO UE. INCORP RMP 93-2035A. SUPERSEDES M-06071 REV. 5 | SKC         | DLB                 | N/A        | AMR       |
| NO.   | DATE   | REVISIONS   | BY                  | CHK        | DES       |
| SCALE 8 1/4" = 1'-0"  | DATE 12-17-73  | DESIGNED RM | DRAWN C/JM          | CHIEF ENGR | PROJ ENGR |
| BECHTEL<br>GAITHERSBURG, MARYLAND   |  |             |                     |            |           |
| SNUPPS  |  |             |                     |            |           |
| EQUIPMENT LOCATION<br>TURBINE BUILDING<br>SECTION "G"<br>FSAR FIGURE 1.2-40 |  |             |                     |            |           |
| AS-BUILT  |  |             | UTILITY DRAWING NO. |            | REV       |
| JOB NO.   |  |             | BECHTEL DRAWING NO. |            | REV       |
| 10466   |  |             | M-2G071             |            | 1         |
| DRAWING APPLICABLE TO UNITS 1 2 XXXXXXXX                                    |  |             |                     |            |           |

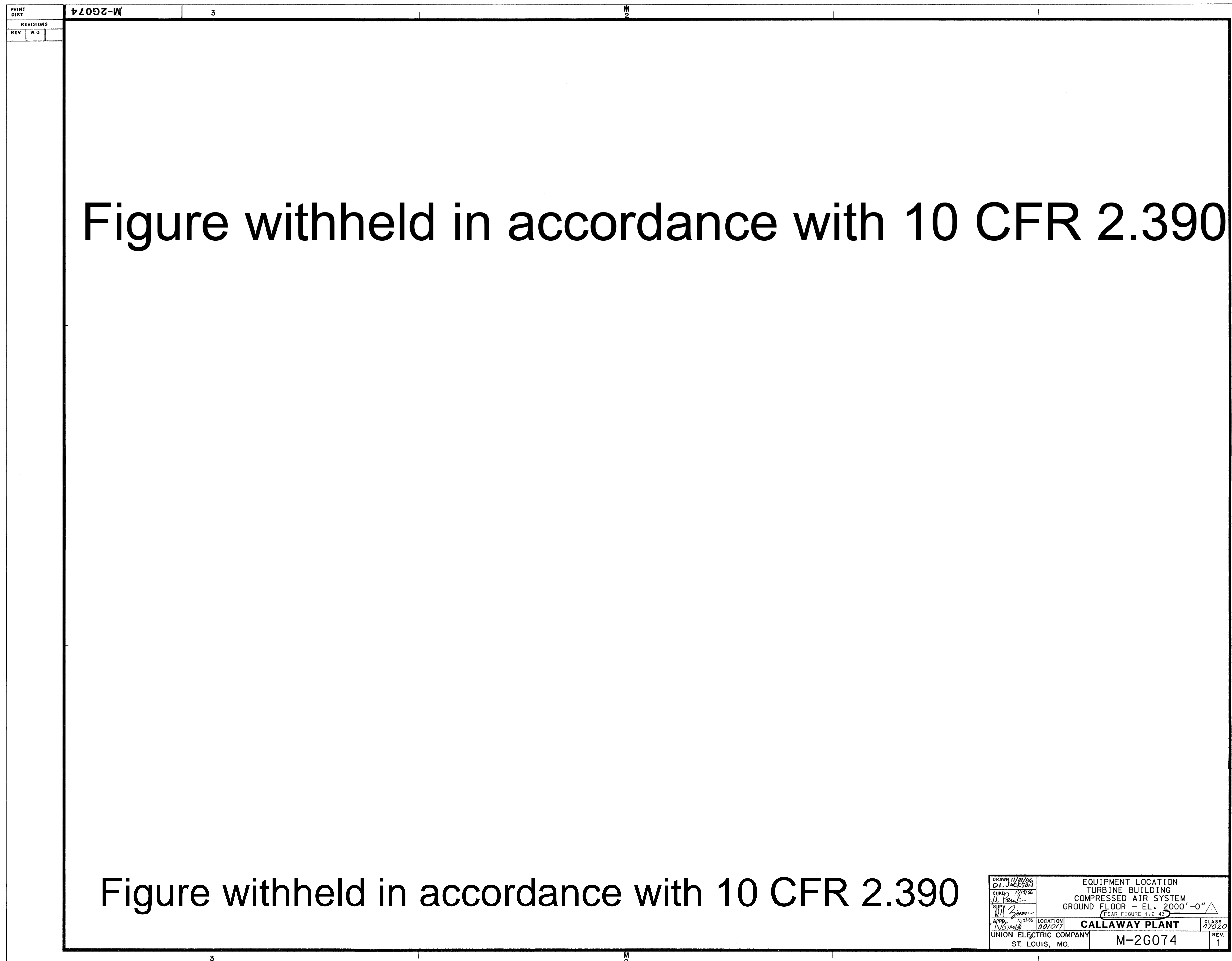


FSAR Figure 1.2-42 is withheld per RIS 2015-17

FSAR Figure 1.2-42 is withheld per RIS 2015-17

|  |  |                     |             |      |
|--|--|---------------------|-------------|------|
| 010819   | INCORP. RFR 100420+ REV. D.  | ASH                 | MAI         | DNE  |
| 011116   | INCORP. RFR 201501412.   | MAI                 | RLW         | DNE  |
| 010913   | INCORP. MP 10-0035, REV. D. AND<br>CORRECTED DOOR TO AS-BUILT.                                 | MAI                 | RLW         | DNE  |
| 011105   | INCORPORATE MP 03-105 TC   | EMW                 | JHX         | TWS  |
| 042005   | INCORP. RFR 22041A   | TJC                 | MAI         | TWS  |
| 043090   | INITIAL ISSUE+ REFLECTS TURNOVER<br>TO S.U.C.; INCORP. MP 110034+<br>SUPERSEDES M-6073 REV. D. | RLW                 | DLB         | JHX  |
| REV  | DATE   | DESCRIPTION         | DESIGNED BY | DATE |
| SCALE: 1/4"=1'-0" DATA: S.T.T.G. (DESIGNED BY) DRAWN: S.V.T. DATE: 0000  |  |                     |             |      |
| <b>BECHTEL</b><br>GATHERBURG, MARYLAND   |  |                     |             |      |
| <b>SNUPPS</b>  |  |                     |             |      |
| EQUIPMENT LOCATION<br>TURBINE COMPONENTS LAYDOWN<br>OPERATION FLOOR EL. 2065'-0"<br>FSAR FIGURE 1.2-42   |  |                     |             |      |
| <b>AS-BUILT</b>  |  | UTILITY DRAWING NO. | REV.        |      |
| JOB NO.  |  | BECHTEL DRAWING NO. | REV.        |      |
| 10466  |  | M-2G073             | 5           |      |
| DRAWING APPLICABLE TO UNITS: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 |  |                     |             |      |





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M

2

1

00188-X-0098

FSAR Figure 1.2-44 is withheld per RIS 2015-17

D

D

C

C

B

B

A

A

FSAR Figure 1.2-44 is withheld per RIS 2015-17

|   |        |   |                   |                        |            |
|---|--------|---|-------------------|------------------------|------------|
| DESIGN                                  | (DATE) | PROPERTY-SITE LAYOUT<br>OWNER CONTROLLED AREA<br>AND SURROUNDING AREA<br>FSAR FIGURE 1.2-44 |                   |                        |            |
| CHKD.                                   | (DATE) |   |                   |                        |            |
| SUPV.                                   | (DATE) |   |                   |                        |            |
| APPR.                                   | (DATE) | LOCATION  | CALLAWAY LOCATION | CALLAWAY ENERGY CENTER | CLASS      |
| N/A                                     |        | 001017  | 982               |                        |            |
| UNION ELECTRIC COMPANY<br>ST. LOUIS, MO |        |   |                   | 8600-X-88100           | REV.<br>74 |

4

3

M

2

1

FSAR Figure 1.2-45 is withheld per RIS 2015-17

FSAR Figure 1.2-45 is withheld per RIS 2015-17

UNION ELECTRIC COMPANY  
CALLAWAY PLANT  
FINAL SAFETY ANALYSIS REPORT

FIGURE 1.2-45  
COOLING WATER  
YARD PIPING SYSTEMS

REV. 18 11/16

FSAR Figure 1.2-46 is withheld per RIS 2015-17

H

G

F

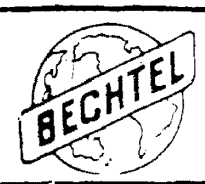
E

D

C

B

A

|   |         |   |                     |     |             |               |
|---|---------|---|---------------------|-----|-------------|---------------|
| <div>15</div>   | 121608  | INCORP. CHANGE REQUEST<br>(CAR 08-000389<br>(CAR 200808332)). | MAL                 | TJC | N/A         | TWS           |
| <div>14</div>   | 042005  | INCORP. RFR 22941A.   | TJC                 | MAL | N/A         | TWS           |
| <div>13</div>   | 030103  | INCORP. MP 98-1040A.  | JHK                 | MAL | N/A         | TWS           |
| <div>12</div>   | 082201  | INCORP. RFR-20356A.   | JHK                 | MAL | N/A         | AMR           |
| <div>11</div>   | 050501  | INCORP. RFR 19923A.   | MAL                 | RLW | N/A         | AMR           |
| <div>10</div>   | 072299  | INCORP. RFR-19694A.   | JHK                 | MAL | N/A         | AMR           |
| <div>9</div>  | 112498  | INCORP. RFR-17296C  | DLB                 | SKC | N/A         | AMR           |
| <div>8</div>  | 060898  | INCORP. RFR-15830B  | DLB                 | SKC | N/A         | AMR           |
| <div>7</div>  | 041691  | INCORP. RFR-17296A AND<br>RFR-17719A.                         | JHK                 | EMW | N/A         | AMR           |
| NO. DATE  |         | REVISIONS   | BY                  | CHK | DES<br>SUPP | ENGR<br>ENGR  |
| SCALE 6"=1'-0"  |         | DATE 8-23-74  | DESIGNED BY         | DRN | SDP         | CHIEF<br>ENGR |
| BECHTEL   |         |   |                     |     |             |               |
| GAITHERSBURG, MARYLAND  |         |   |                     |     |             |               |
| SNUPPS  |         |   |                     |     |             |               |
| ESSENTIAL SERVICE WATER SYS.<br>PUMPHOUSE<br>EQUIPMENT LOCATIONS-PLAN<br>FSAR FIGURE 1.2-46 |         |   |                     |     |             |               |
| UNION ELECTRIC CO.<br>CALLAWAY PLANT<br>UNIT 1  |         |   | UTILITY DRAWING NO. |     |             | REV           |
|   |         |   | AS-BUILT            |     |             |               |
|        | JOB NO. |   | BECHTEL DRAWING NO. |     |             | REV           |
|   | 10884   |   | M-UG080             |     |             | 15            |
| DRAWING APPLICABLE TO UNITS   |         |   |                     |     |             |               |
|   |         | 2   | X                   | X   | X           | X             |

FSAR Figure 1.2-46 is withheld per RIS 2015-17



FSAR Figure 1.2-47 is withheld per RIS 2015-17

|  |   |      |        |          |      |
|--|---|------|--------|----------|------|
| 042005                                 | INCORP. RFR 22941A  | TJC  | MAL    | N/A      | TWS  |
| 121197                                 | REFLECTS TURNOVER TO U.E.<br>INCORP DEC-1462  | DLBH | RLW    | N/A      | AMR  |
| 5/12/13                                | (F-6) DELETED ESW LOCAL CONTROL PANEL.<br>GEN. UPDATE OF CONCRETE C-7, F-6 ADDED SEISMIC RESTRAINTS TO PUMP SECTIONS;<br>F-7 REVISED UNIT HEATER;<br>A-2 ADDED PROFESSIONAL SEAL;<br>C-7, F-6 REVISED MONORAIL; A-1 DELETED REFERENCE TO CALLAWAY UNIT 2.   | OB   | FMA    | FA       | JAC  |
| 10/2/11                                | B-5 EL 1995'-10" WAS EL 1995'-0"<br>F-6, C-7 ADDED MONORAIL.<br>F-7 ADDED INSUL. FLGS.<br>C-7 RELEASED HOLD ON PRE-LUBE STORAGE TANKS.  | DS   | DS     | DS       | MM   |
| 5/11/11                                | B-4 MOD. SECTION "C"<br>F-6 VERTICAL LADDER WAS EMBEDDED RUNGS, 1985'-0"<br>PLATFORM ELEV WAS 1983'-6"<br>DELETED RIGGING BEAM,<br>RELEASED HOLD & MOD.<br>PIPING ARR@ PLATFORM@ 2008'-0"<br>C-6 RELEASED HOLD ON PUMPS.<br>REVISED ALL ROOF ELEVATIONS<br>C-7 ADDED HOLD TO ESW PUMP<br>PRE-LUBE STORAGE TANKS<br>F-6 RELOCATED ESW LOCAL CONTROL PANEL, TRANS & MCC 1 ADDED PLATFORM,<br>WALL LADDER & UNIT HEATERS.<br>E-6 7'-6" DIM. WAS 10'-0" | DS   | DS     | DS       | MM   |
| 7/5/74                                 | ISSUED FOR CONSTRUCTION   | BY   | CHK    | ENGR     | PROJ |
| NO. DATE                               | REVISIONS   | BY   | CHK    | ENGR     | PROJ |
| SCALE                                  | NOTED   | DATE | 7-5-74 | DESIGNED | GEN  |
| DRAWN S.B.F.                           |   |      |        |          |      |
| BECHTEL                                |   |      |        |          |      |
| GAITHERSBURG, MARYLAND                 |   |      |        |          |      |
| SNUPPS                                 |   |      |        |          |      |
| ESSENTIAL SERVICE WATER SYS. PUMPHOUSE |   |      |        |          |      |
| EQUIPMENT LOCATIONS 5 SECTIONS         |   |      |        |          |      |
| UNION ELECTRIC CO                      |   |      |        |          |      |
| CALLAWAY PLANT                         |   |      |        |          |      |
| UNIT 1                                 |   |      |        |          |      |
| AS-BUILT                               |   |      |        |          |      |
| JOB NO.                                |   |      |        |          |      |
| BECHTEL DRAWING NO.                    |   |      |        |          |      |
| M-UG081                                |   |      |        |          |      |
| 5                                      |   |      |        |          |      |
| DRAWING APPLICABLE TO UNITS            |   |      |        |          |      |

FSAR Figure 1.2-47 is withheld per RIS 2015-17

**FSAR Figure 1.2-48 is withheld per RIS 2015-17**

|   |            |  |              |           |            |           |
|---|------------|--|--------------|-----------|------------|-----------|
| Q   | 021110     | INCORP. MP 07-0066, FCN-24.  | MAL          | TJC       | N/A        | TWS       |
| B   | 042005     | INCORP. RFR 22941A.  | TJC          | MAL       | N/A        | TWS       |
| Q   | 042899     | INCORP. MP 90-1009 FCN-03.   | JHK          | MAL       | N/A        | JHC       |
| A   | 11/14/92   | REFLECTS TURNOVER TO U.E. INCORP RFR-098358 (MIN. MOD)   | ESR          | LOC       | ---        | Jfm       |
|   |            | (D-5) ADDED HANDRAIL GEN. UPDATE OF CONCRETE, A-1, F-1 DELETE REFERENCE TO CALLAWAY UNIT 2; F-6, G-6 ADDED EQUIP. NOIS FOR FAN MOTORS.   | 10/8         | PNA       | 1/2        | 1/2       |
| A   | 5/1/79     | ADDED PROFESSIONAL SEAL NOT CIRCLED GENERAL REVISION TO DWG PRESENTATION OF COOLING TOWER INCLUDING ROOF, FAN SHIELDING, AND AREA UNDER FANS.                                  | 10/8         | 1/2       | 1/2        | 1/2       |
| A   | 5/1/79     | F-3 ADDED PARTIAL PLAN. F1-F4 ADDED PLATFORMS & LADDERS  | 10/8         | 1/2       | 1/2        | 1/2       |
|   |            | G-6 RELOCATED FAN MOTORS. F-7, F-4. MOD. ELECT. EQUIP. ROOM OUTLINE & EQUIP. LOC. MOD. 20 SUPPLY LINE ARRGT.   | 10/8         | 1/2       | 1/2        | 1/2       |
| A   | 5/1/79     | F-6 RELOCATED PERSONNEL HATCHES  | 10/8         | 1/2       | 1/2        | 1/2       |
|   |            | E-1 REVISED NOTE 3.  | 10/8         | 1/2       | 1/2        | 1/2       |
|   | 9/1/74     | REVISED THE 20" SUPPLY PIPING, ARRG. & GENERAL DESIGN CHANGE, REVISED ENTRANCE TO ELECTRICAL ROOM. LOWERED 36" DRAIN PIPES. ADDED WALL BETWEEN PIPING AND ELECTRICAL EQUIPMENT | 10/8         | 1/2       | 1/2        | 1/2       |
| A   | 7/8/76     | ISSUED FOR CONSTRUCTION  | 10/8         | 1/2       | 1/2        | 1/2       |
| NO  | DATE       | REVISIONS  | BY           | CHK       | DES ENGR   | PROJ ENGR |
| SCALE   | 1/8"=1'-0" | DATE 6-3-76  | DESIGNED GLP | DRAWN GLP | CHECK ENGR | PROJ ENGR |
| <h2 style="text-align: center;">BECHTEL</h2> <p style="text-align: center;">GATHERSBURG, MARYLAND</p> <h3 style="text-align: center;">SNUPPS</h3> <p style="text-align: center;">UHS COOLING TOWER<br/>ARRANGEMENT<br/>FSAR FIGURE 1.2-48</p> <p style="text-align: center;">UTILITY DRAWING NO.      REV</p> <h2 style="text-align: center;">AS-BUILT</h2> <p style="text-align: center;">JOB NO.      BECHTEL DRAWING NO.      REV</p> <p style="text-align: center;">10884      M-UG082      8</p> <p style="text-align: center;">DRAWING APPLIED TO UNITS      2      34-64      T-11</p> |            |  |              |           |            |           |