

NOTES:  
 1. FOR GENERAL NOTES SEE SHEET 01.  
 2. ALL FIRE PUMP START SIGNALS TERMINATE ON IXX-11-022 UNLESS OTHERWISE NOTED.  
 3. INSTRUMENT SHOP ADDITION FIRE PUMP START SIGNALS TERMINATE ON 2IX-11-022.  
 4. REFER TO DWG SYW000-00-17-18 AND-20 FOR MANUAL FIRE PUMP START STATIONS.  
 5. IHS'S IN EACH TABLE WILL OPERATE ONLY THE LIGHT CORRESPONDING TO THE NAME IN THE TABLE HEADING.

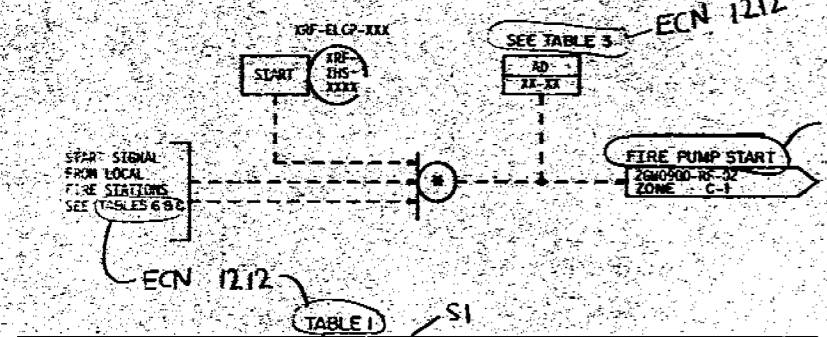


TABLE 1  
 BUILDING LOCATION OF MAIN FIRE PUMP START STATIONS

| BUILDING  | DACORDA PT. NO. |
|---|-----------------|
| SERVICE & OFFICE BUILDING                                       | 18-85           |
| CONTROL BUILDING  | 18-82           |
| TURBINE BUILDING UNITS 1 & 2                                    | 18-83           |
| REACTOR BUILDING - UNIT 1                                       | 18-84           |
| REACTOR BUILDING - UNIT 2                                       | 19-23           |
| DIESEL GENERATOR BUILDING - UNIT 1                              | 18-88           |
| DIESEL GENERATOR BUILDING - UNIT 2                              | 18-89           |
| AUXILIARY BUILDING - UNITS 1 & 2 (REL 629.0 & BELOW) AND COMMON | 18-81           |

TABLE 4  
 SERVICE & OFFICE BUILDING

| SWITCH UNIT  | LOCAL PANEL UNIT |
|--------------|------------------|
| ORF-IHS-701D | ORF-ELCP-93      |
| ORF-IHS-702D | ORF-ELCP-95      |
| ORF-IHS-703D | ORF-ELCP-193     |
| ORF-IHS-704D | ORF-ELCP-99      |
| ORF-IHS-705D | ORF-ELCP-194     |
| ORF-IHS-706D | ORF-ELCP-180     |
| ORF-IHS-707D | ORF-ELCP-181     |
| ORF-IHS-708D | ORF-ELCP-189     |
| ORF-IHS-709D | ORF-ELCP-188     |
| ORF-IHS-710D | ORF-ELCP-185     |
| ORF-IHS-711D | ORF-ELCP-186     |
| ORF-IHS-712D | ORF-ELCP-195     |
| ORF-IHS-713D | ORF-ELCP-194     |
| ORF-IHS-714D | ORF-ELCP-183     |
| ORF-IHS-715D | ORF-ELCP-94      |
| ORF-IHS-716D | ORF-ELCP-96      |
| ORF-IHS-717D | ORF-ELCP-176     |
| ORF-IHS-718D | ORF-ELCP-177     |
| ORF-IHS-719D | ORF-ELCP-179     |
| ORF-IHS-720D | ORF-ELCP-96      |
| ORF-IHS-721D | ORF-ELCP-91      |
| ORF-IHS-722D | ORF-ELCP-97      |
| ORF-IHS-723D | ORF-ELCP-175     |
| ORF-IHS-724D | ORF-ELCP-178     |
| ORF-IHS-725D | ORF-ELCP-182     |
| ORF-IHS-726D | ORF-ELCP-85      |
| ORF-IHS-727D | ORF-ELCP-92      |
| ORF-IHS-970D | ORF-ELCP-191     |
| ORF-IHS-970E | ORF-ELCP-192     |

TABLE 7  
 TURBINE BUILDING - UNITS 1 & 2

| SWITCH UNIT | LOCAL PANEL UNIT |
|-------------|------------------|
| RF-IHS-730D | RF-ELCP-185      |
| RF-IHS-731D | RF-ELCP-151      |
| RF-IHS-732D | RF-ELCP-148      |
| RF-IHS-733D | RF-ELCP-146      |
| RF-IHS-734D | RF-ELCP-152      |
| RF-IHS-735D | RF-ELCP-149      |
| RF-IHS-736D | RF-ELCP-143      |
| RF-IHS-737D | RF-ELCP-147      |
| RF-IHS-738D | RF-ELCP-153      |
| RF-IHS-739D | RF-ELCP-150      |
| RF-IHS-740D | RF-ELCP-144      |
| RF-IHS-751D | RF-ELCP-154      |
| RF-IHS-752D | RF-ELCP-155      |

TABLE 8  
 AUXILIARY BUILDING

| SWITCH UNIT  | LOCAL PANEL UNIT |
|--------------|------------------|
| ORF-IHS-590E | 18F-ELCP-11      |
| ORF-IHS-590F | 18F-ELCP-12      |
| ORF-IHS-590G | 18F-ELCP-13      |
| ORF-IHS-590H | 18F-ELCP-14      |
| ORF-IHS-590J | ORF-ELCP-15      |
| ORF-IHS-590K | ORF-ELCP-16      |
| ORF-IHS-590L | ORF-ELCP-11      |
| ORF-IHS-590M | 28F-ELCP-12      |
| ORF-IHS-590N | 28F-ELCP-13      |
| ORF-IHS-590P | 28F-ELCP-14      |
| ORF-IHS-610E | 18F-ELCP-4       |
| ORF-IHS-610F | 18F-ELCP-5       |
| ORF-IHS-610G | 18F-ELCP-6       |
| ORF-IHS-610H | 18F-ELCP-7       |
| ORF-IHS-610J | 18F-ELCP-8       |
| ORF-IHS-610K | ORF-ELCP-9       |
| ORF-IHS-610L | ORF-ELCP-10      |
| ORF-IHS-610M | 28F-ELCP-8       |
| ORF-IHS-610N | 28F-ELCP-9       |
| ORF-IHS-610P | 28F-ELCP-6       |
| ORF-IHS-610Q | 28F-ELCP-5       |
| ORF-IHS-610R | 28F-ELCP-4       |
| ORF-IHS-629E | 18F-ELCP-17      |
| ORF-IHS-629F | 18F-ELCP-18      |
| ORF-IHS-629G | 18F-ELCP-19      |
| ORF-IHS-629H | 18F-ELCP-20      |
| ORF-IHS-629J | ORF-ELCP-21      |
| ORF-IHS-629K | ORF-ELCP-22      |
| ORF-IHS-629L | 28F-ELCP-23      |
| ORF-IHS-629M | 28F-ELCP-17      |
| ORF-IHS-629N | 28F-ELCP-15      |
| ORF-IHS-629P | 28F-ELCP-13      |
| ORF-IHS-629Q | 28F-ELCP-20      |
| ORF-IHS-629R | ORF-ELCP-3       |
| ORF-IHS-649K | 18F-ELCP-31      |
| ORF-IHS-649L | ORF-ELCP-32      |
| ORF-IHS-669K | ORF-ELCP-40      |
| ORF-IHS-669L | ORF-ELCP-41      |
| ORF-IHS-669M | ORF-ELCP-42      |
| ORF-IHS-669N | ORF-ELCP-47      |
| ORF-IHS-669P | ORF-ELCP-48      |
| ORF-IHS-622E | 28F-ELCP-24      |
| ORF-IHS-622F | ORF-ELCP-25      |
| ORF-IHS-657E | ORF-ELCP-33      |
| ORF-IHS-657F | ORF-ELCP-34      |

TABLE 2  
 REACTOR BUILDING - UNITS 1 & 2

| SWITCH UNIT | LOCAL PANEL UNIT |
|-------------|------------------|
| RF-IHS-622E | RF-ELCP-101      |
| RF-IHS-622F | RF-ELCP-102      |
| RF-IHS-622G | RF-ELCP-103      |
| RF-IHS-622H | RF-ELCP-104      |
| RF-IHS-622I | RF-ELCP-105      |
| RF-IHS-622J | RF-ELCP-106      |
| RF-IHS-622K | RF-ELCP-107      |
| RF-IHS-622L | RF-ELCP-108      |
| RF-IHS-622M | RF-ELCP-109      |
| RF-IHS-622N | RF-ELCP-110      |
| RF-IHS-622P | RF-ELCP-111      |
| RF-IHS-622R | RF-ELCP-112      |
| RF-IHS-646E | RF-ELCP-113      |
| RF-IHS-646F | RF-ELCP-114      |
| RF-IHS-646G | RF-ELCP-115      |
| RF-IHS-646H | RF-ELCP-116      |
| RF-IHS-646J | RF-ELCP-117      |
| RF-IHS-646K | RF-ELCP-118      |
| RF-IHS-646L | RF-ELCP-119      |
| RF-IHS-646M | RF-ELCP-120      |
| RF-IHS-670E | RF-ELCP-121      |
| RF-IHS-670F | RF-ELCP-122      |
| RF-IHS-670G | RF-ELCP-123      |
| RF-IHS-670H | ORF-ELCP-124     |
| RF-IHS-670I | RF-ELCP-125      |
| RF-IHS-670J | RF-ELCP-126      |
| RF-IHS-670K | RF-ELCP-127      |
| RF-IHS-670L | RF-ELCP-128      |
| RF-IHS-670M | RF-ELCP-129      |
| RF-IHS-670N | RF-ELCP-130      |
| RF-IHS-670P | RF-ELCP-131      |
| RF-IHS-670R | RF-ELCP-132      |
| RF-IHS-700E | RF-ELCP-133      |
| RF-IHS-700F | RF-ELCP-134      |
| RF-IHS-700G | RF-ELCP-135      |
| RF-IHS-700H | RF-ELCP-136      |

TABLE 5  
 CONTROL BUILDING

| SWITCH UNIT  | LOCAL PANEL UNIT |
|--------------|------------------|
| ORF-IHS-611D | ORF-ELCP-59      |
| ORF-IHS-612D | ORF-ELCP-56      |
| ORF-IHS-613D | ORF-ELCP-60      |
| ORF-IHS-614D | ORF-ELCP-63      |
| ORF-IHS-615D | ORF-ELCP-61      |
| ORF-IHS-616D | ORF-ELCP-64      |
| ORF-IHS-617D | ORF-ELCP-62      |
| ORF-IHS-618D | ORF-ELCP-62      |

TABLE 9  
 DIESEL GENERATOR BUILDING - UNITS 1 & 2

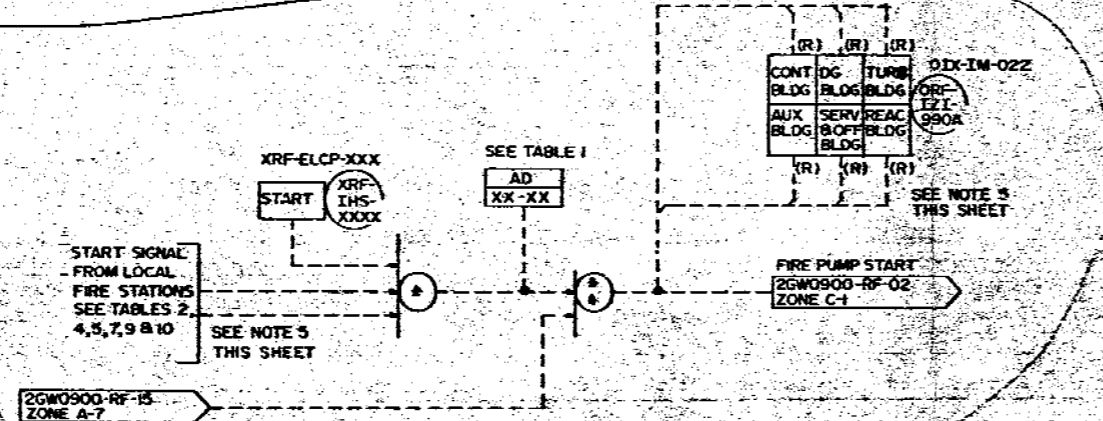
| SWITCH UNIT | LOCAL PANEL UNIT |
|-------------|------------------|
| RF-IHS-960E | RF-ELCP-49       |
| RF-IHS-960F | RF-ELCP-50       |
| RF-IHS-960G | RF-ELCP-51       |
| RF-IHS-960H | RF-ELCP-52       |
| RF-IHS-960J | RF-ELCP-53       |
| RF-IHS-960K | RF-ELCP-54       |
| RF-IHS-960L | RF-ELCP-55       |
| RF-IHS-960M | RF-ELCP-56       |

TABLE 6  
 INSTRUMENT SHOP ADDITION

| SWITCH UNIT  | LOCAL PANEL UNIT |
|--------------|------------------|
| ORF-IHS-975D | ORF-ELCP-158     |
| ORF-IHS-976D | ORF-ELCP-159     |
| ORF-IHS-977D | ORF-ELCP-160     |
| ORF-IHS-978D | ORF-ELCP-161     |
| ORF-IHS-979D | ORF-ELCP-162     |
| ORF-IHS-980D | ORF-ELCP-163     |
| ORF-IHS-981D | ORF-ELCP-164     |

TABLE 3  
 BUILDING LOCATION OF MAIN FIRE PMP START STATIONS

| BUILDING                                       | DACORDA PT. NO. |
|--|-----------------|
| INSTRUMENT SHOP ADDITION                       | 17-89           |
| AUXILIARY BOILER BUILDING                      | 18-87           |
| POWER STORES WAREHOUSE (SEE NOTE 4 THIS SHEET) | 19-12           |



PRC  
 APERTURE  
 CARD

Docket # 50-838  
 Control # 230605536  
 Date 3-25-83 of Document  
 REGULATORY DOCKET FILE

11212, SI

CLASSIFIED FIRE PUMP START LOGIC, ADDED NOTE 4 & 5 AND CHANGED AUXILIARY BLDG MANUAL PUMP START STATION TABULATION, MINOR REV.

|          |         |      |    |       |        |
|----------|---------|------|----|-------|--------|
| REV. NO. | ED. NO. | DATE | BY | CHKD. | APP'D. |
| 0001     |         |      |    |       |        |
| 0002     |         |      |    |       |        |
| 0003     |         |      |    |       |        |
| 0004     |         |      |    |       |        |

SCALE: NTS EXCEPT AS NOTED

GENERAL UNITS 1 & 2

FUNCTIONAL CONT LOGIC DIAG  
 HIGH PRESSURE FIRE  
 PROTECTION SYSTEM

FURTHER REVIEWED:  
 EEB: *[Signature]*  
 CEB: N/A  
 MEB: N/A  
 NEB: N/A

INSPECTED AND APPROVED FOR ISSUE: *[Signature]*

BELLEFONTE NUCLEAR PLANT  
 TENNESSEE VALLEY AUTHORITY

SUBMITTED: *[Signature]* RECOMMENDED: *[Signature]* APPROVED: *[Signature]*

KNOXVILLE 6-26-81 REV. E 26G0900-RF-10