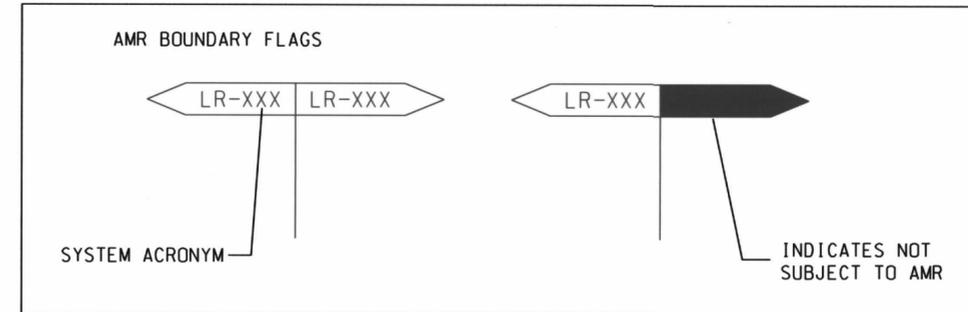


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LR NOTES

1. UNLESS OTHERWISE SPECIFIED, PORTIONS OF THE SYSTEM SUBJECT TO AN AGING MANAGEMENT REVIEW PURSUANT TO 10CFR 54.21(A)(1) ARE HIGHLIGHTED IN RED WITH BOUNDARIES INDICATED BY BLUE FLAGS
2. UNLESS OTHERWISE INDICATED, VENTS, DRAINS, AND TEST CONNECTIONS THAT ARE WITHIN THE INDICATED BOUNDARIES ARE SUBJECT TO AMR UP TO AND INCLUDING THE FIRST ISOLATION VALVE (SECOND ISOLATION VALVE OF CLASS 1 SYSTEMS).
3. UNLESS OTHERWISE INDICATED, INSTRUMENT LINES OF SENSING ELEMENTS THAT ARE WITHIN THE INDICATED BOUNDARIES AND NORMALLY EXPOSED TO SYSTEM PRESSURE ARE SUBJECT TO AMR INCLUDING ALL FITTINGS AND VALVES LEADING UP TO THE ELEMENTS.
4. IN GENERAL, BOUNDARY FLAGS ARE NOT SHOWN FOR VENTS, DRAINS, TEST CONNECTIONS, OR INSTRUMENT LINES EXCEPT FOR CONTAINMENT PENETRATIONS.
5. FOR SAFETY-RELATED SYSTEMS CONTAINING WATER OR STEAM WITH SAFETY/NON-SAFETY INTERFACE:  
  
THE NON-SAFETY RELATED PIPING, FITTINGS, AND EQUIPMENT BEYOND THE SAFETY/NON-SAFETY BOUNDARY IS SUBJECT TO AMR FROM THE BOUNDARY TO A POINT NO LONGER IN THE VICINITY OF SAFETY RELATED EQUIPMENT OR UNTIL THE FIRST SEISMIC ANCHOR IS REACHED, WHICHEVER IS FURTHEST. THE INTENDED FUNCTION(S) OF THIS NON-SAFETY RELATED PIPING, FITTINGS, AND EQUIPMENT IS TO PREVENT FAILURE FROM AFFECTING SAFETY RELATED EQUIPMENT AND/OR TO PROVIDE STRUCTURAL SUPPORT FOR THE SAFETY RELATED PIPING.
6. FOR SAFETY-RELATED SYSTEMS CONTAINING AIR, GAS, OR OIL WITH SAFETY/NON-SAFETY INTERFACE:  
  
THE NON-SAFETY RELATED PIPING, FITTINGS, AND EQUIPMENT BEYOND THE SAFETY/NON-SAFETY BOUNDARY IS SUBJECT TO AMR FROM THE BOUNDARY TO THE FIRST SEISMIC ANCHOR. THE INTENDED FUNCTION OF THIS NON-SAFETY RELATED PIPING, FITTINGS, AND EQUIPMENT IS TO PROVIDE STRUCTURAL SUPPORT FOR THE SAFETY RELATED PIPING.
7. FOR NON-SAFETY RELATED SYSTEMS CONTAINING WATER OR STEAM:  
  
THE NON-SAFETY RELATED PIPING, FITTINGS, AND EQUIPMENT IN THE VICINITY OF SAFETY RELATED EQUIPMENT IS SUBJECT TO AMR. THE INTENDED FUNCTION OF THIS NON-SAFETY RELATED PIPING, FITTINGS, AND EQUIPMENT IS TO PREVENT FAILURE FROM AFFECTING SAFETY RELATED EQUIPMENT.



LR DRAWING BOUNDARY FLAG ACRONYM LIST

| ACRONYM | SYSTEM NAME                               |
|---------|---|
| CAS     | Compressed Air                            |
| CRAC    | Control Room HVAC                         |
| CRD     | Control Rod Drive                         |
| CRS     | Core Spray                                |
| CS      | Condensate and Condensate Transfer        |
| CTN     | Containment Systems                       |
| CTN-SP  | Containment Spray                         |
| CU      | Reactor Water Cleanup                     |
| CW      | Circulating Water                         |
| DG      | Diesel Generator                          |
| EC      | Emergency Cooling                         |
| FDP     | Fire Detection and Protection             |
| FP      | Spent Fuel Pool Filtering/Cooling         |
| FW      | Feedwater/High Pressure Coolant Injection |
| GEN     | Main Generator and Auxiliaries            |
| LP      | Liquid Poison                             |
| MS      | Main Steam                                |
| NEU     | Neutron Monitoring                        |
| PCS     | Primary Containment Structure             |
| RBAC    | Reactor Building HVAC                     |
| RBCLC   | Reactor Building Closed Loop Cooling      |
| RPV     | Reactor Pressure Vessel                   |
| RPVI    | Reactor Pressure Vessel Internals         |
| RR      | Reactor Recirculation                     |
| RWAC    | Radwaste Building HVAC                    |
| RWS     | Radioactive Waste System                  |
| RXVI    | Reactor Vessel Instrumentation            |
| SDC     | Shutdown Cooling                          |
| SS      | Sampling                                  |
| SW      | Service Water                             |
| TBAC    | Turbine Building HVAC                     |

NOTE: THIS DRAWING WAS CREATED USING  
COMPUTER AIDED DRAFTING  
DO NOT MAKE MANUAL CHANGES

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|----------------------------|------------|--|
| Constellation Energy Group |            | STA NINE MILE POINT NUCLEAR STATION UNIT NO. 1 |
| APP                        | APP        | LICENSE RENEWAL BOUNDARY DRAWING               |
| APP                        | DATE       | SYMBOLS, NOTES, AND ACRONYMS                   |
| DES                        | DR         | OR   |
| SCALE                      | DWG NO     | INDEX  |
|                            | LR-18000-C |  |
| REV                        | DATE       | BY   |
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| REV                        | DATE       | BY   |
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