NOTES:

1. THE SYSTEM LOCATOR CODE "APP-VBS" HAS BEEN OMITTED FROM ALL COMPONENT NUMBERS. EXCEPT FOR EQUIPMENT, THE COMPONENT TYPE CODE HAS ALSO BEEN OMITTED.
2. THE MCR PRESSURE BOUNDRY HVAC ISOLATION VALVES ARE CONSTRUCTED IN ACCORDANCE WITH ASME III CLASS 3.
3. TEMPERATURE CONTROLLER TICA 058A/B, AND 061A/B ARE INTERLOCKED WITH MCR RETURN AIR TEMPERATURE ELEMENT TE058A AND TE058B TO MODULATING HEATING (MY C11A OR MY C11B) OR COOLING (VWS PL 272A OR PL V272B) WHEN RETURN AIR TEMPERATURE IS BELOW OR ABOVE THE PREDETERMINED TEMPERATURE. WHEN TEMPERATURE CONTROLLER TICA 058A/B ELEMENTS 058A/B OR 061A/B REQUIRES COOLING, THE APPLICABLE VWS VALVE IS MODULATED. WHEN TICA 058A/B ELEMENTS 058A/B AND 061A/B BOTH REQUIRE HEATING, THE APPLICABLE HEATER IS MODULATED.
4. ALIGNMENT OF CSA SMOKE PURGE ISOLATION DAMPERS DEPENDS ON WHETHER MCR/CSA HVAC SUBSYSTEM IS ALIGNED TO MCR OR CSA SMOKE PURGE OPERATION AND IS ALIGNED TO A" TRAIN OR "B " TRAIN PURGE OPERATION.
5. REFER TO APP-PMS-J1-113 FOR DESCRIPTION OF LOGIC.
6. THE FLEX DUCT IS COMMON. USE TO CONNECT FAN 'A' OR FAN 'B'.
7. DUCT SECTION IS SEISMICALLY ANALYZED TO ENSURE AVAILABILITY FOR POST 72 HOURS OPERATION.
8. DRAWING NUMBERS ARE SHOWN IN INTERFACE FLAGS WITHOUT PREFIX "APP".
9. TEMPERATURE CONTROLLER MODULATES HEATER TO MAINTAIN SPACE MINIMUM TEMPERATURE.

REFERENCES:

A. AP1000 COMPONENT NUMBERING PROCEDURE APP-GW-GMP-006.
B. P&ID LEGEND DRAWINGS APP-GW-M6-001, 002 & 003.

MAIN CONTROL ROOM

CONTROL SUPPORT AREA

Duke Energy Florida
Levy Nuclear Plant
Units 1 and 2
Part 2, Final Safety Analysis Report

Nuclear Island Non-Radioactive Ventilation System Piping and Instrumentation Diagram
FIGURE 9.4-201

Rev. 8