

TABLE 7.2-1 (CONT'D)

ISOLATION SIGNAL CODESNOTES

## 13. Abbreviations used in table:

AO - Air operated  
 MO - Motor operated  
 SO - Solenoid operated  
 RHR - Residual Heat Removal System  
 LPCI - Low Pressure Coolant Injection System  
 RCIC - Reactor Core Isolation Cooling System  
 LPCS - Low Pressure Core Spray System  
 HPCS - High Pressure Core Spray System

<u>Signal</u>	<u>Description</u>
A*	Reactor vessel low water level (A scram will occur at this level also. This is the higher of the two low water level signals)
B*	Reactor vessel low water level - (The reactor core isolation cooling system will be initiated at this level also. This is the lower of the two low water level signals.)
C*	High radiation - main steam line
D*	Line break - main steam line (high steam flow)
E*	Line break - main steam line (steam line high space temperature)
F*	High dry well pressure
G	Reactor vessel low water level or high dry well pressure (core standby cooling systems will be started)
H	High reactor water level in startup mode
J*	Line break in cleanup system - high space temperature; high differential flow
K*	Line break in reactor core isolation cooling system steam line to turbine (high steam line space temperature, high steam flow, or low steam line pressure)
M*	Line break in residual heat removal system shutdown and head cooling (high space temperature)
N	Reactor high water level
P*	Low main steam line pressure at inlet to turbine (RUN mode only)
R	Low condenser vacuum
S	Low dry well pressure
U	High reactor vessel pressure - close residual heat removal - shutdown cooling valves and head cooling valves
W*	High temperature at outlet of cleanup system nonregenerative heat exchanger, high differential flow, high area temperatures
Y	Standby liquid control system actuated
RM*	Remote manual switch from control room. (All regular Group A and Group B isolation valves will be capable of remote manual operation from the control room.)

\* These are the isolation functions of the primary containment and reactor vessel isolation control system; other functions are given for information only.

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