

ESBWR Tier 2 DCD Rev 5
Dominion Questions Regarding
NRC Staff's Comments on Disposition of COL holder Items

13.6-8H: Central Alarm Station and Secondary Alarm Station Redundancy

To ensure that, at the licensing stage, the no single act requirement of the final draft revision of 10CFR73.55 can be met with respect to those requirements stated in section 73.55(i)(4)(i), it is recommended that DCD COL Item 13.6-7A read as follows:

"The COL applicant shall:

-identify the location of the secondary alarm station (SAS), and
(Dominion understands this and can respond)

-Provide: the design of the physical configuration of the security system:

on site and offsite communications equipment
(Dominion understands this part and can respond)

alarm central processing units
(Dominion needs clarification on what equipment is included)

data gathering panels
(Dominion needs clarification on what equipment is included)

secondary power and remote power (main uninterruptible emergency generator (typical) and local uninterruptible power sources)
(Dominion understands this and can respond)

alarm and personnel communication type of transmission and the technology used for the subject transmission (e.g., electronic data/fiber optic for alarms and telephonic/radio/site intercom applied to personnel communication)
(Dominion needs clarification on what equipment is included and how this is different from the on site and off site communications equipment requested above)

locations of pathways (both horizontal and vertical planes) thereof, as appropriate
(Dominion needs clarification on what this addresses)

and an analysis of single act security events such that at least one alarm station remains functional to: (A) Detect and assess alarms, (B) Initiate and coordinate and adequate response to an alarm, (C) Summon offsite assistance and (D) provide command and control, such that the high assurance objective can be maintained
(Dominion understands this part and can respond)