4.7.6.2 Rationale and supplemental guidance

The physical environment for the SUC should be documented in order to ensure the IACS assets are properly protected. Examples of documentation that can be used to communicate the physical environment would be site maps, floor plans, wiring schematics, connector configurations and site security plans. Existing security vulnerability assessments should also be referenced.

The logical environment for the SUC also should be documented to provide a clear understanding of the networks, information technology, protocols and IACS systems that may interface with the SUC. Examples of relevant documentation would be network architecture diagrams, system architecture diagrams, electrical one-lines, heating, ventilation and air-conditioning (HVAC) hook-ups, fire and gas detection and suppression, and other relevant design documents.

4.7.7 ZCR 6.6: Threat environment

4.7.7.1 Requirement

The CRS shall include a description of the threat environment that impacts the SUC. The description shall include the source(s) of threat intelligence and include both current and emerging threats.

4.7.7.2 Rationale and supplemental guidance

There are a number of factors that can affect the threat environment of a SUC, including the geo-political climate, the physical environment and the sensitivity of the system. Examples of appropriate authoritative sources can include:

- computer emergency response teams (CERTs);
- ICS-CERT;
- public-private partnerships such as ISACs;
- IACS product suppliers;
- industry advisory groups;
- government agencies such as an information security agency;
- threat intelligence services.

4.7.8 ZCR 6.7: Organizational security policies

4.7.8.1 Requirement

Security countermeasures and features that implement the organizational security policies shall be included in the CRS.

4.7.8.2 Rationale and supplemental guidance

It is important that all systems incorporate the baseline security policies established by the organization.

4.7.9 ZCR 6.8: Tolerable risk

4.7.9.1 Requirement

The organization’s tolerable risk for the SUC shall be included in the CRS.