

MEB-CQ-201505-3.11_#1 Response

DCD Tier 2, SECTION 3.11 Issue #1

The applicant's EQ program document, APR1400-E-X-NR-14001-P, Rev. 0, does not provide enough information to understand how they determined radiation doses for different plant areas and what certain radiation areas represent. For example, in Table 2 the applicant gives a radiation dose for "VCT" it is unclear if that means just the VCT room or some region of the building around the VCT. In addition, the doses provided for certain areas appear to be lower than the Chapter 12 radiation zone maps, when it would seem that they should be higher for EQ since EQ is based on a higher failed fuel fraction (but there is not enough information to make a definitive determination).

APR1400-E-X-NR-14001-P, Rev. 0 indicates that additional information on the radiation levels and how they are defined can be found in the Environmental Qualification Parameters Report (EQPR). However, the EQPR is not properly referenced in the EQ program document. What is the number? Has it been submitted? We believe that the EQPR will have information regarding how the applicant came up with the radiological information in Section 3.11 to determine its acceptability.

Response

This response will need additional explanation and discussion that a clarification would not be appropriate, but rather should be provided in an RAI response.