

**Attachment 1**

**Millstone Power Station Emergency Plan, Revision 58**

**10 CFR 50.54(g)(5) Summary**

**Dominion Energy Nuclear Connecticut, Inc. (DENC)**

10 CFR 50.54(q)(5) Summary of Analysis for Millstone Power Station  
Emergency Plan, Revision 58

Millstone Emergency Plan Revision 58 updated the titles of Severe Accident Management Guidelines (SAMGs) listed in Appendix D, Supporting Procedures List. This was an editorial change to the list and did not change the purpose or requirements for entry into the procedure set.

**Attachment 2**

**Millstone Power Station Emergency Plan, Revision 59**

**10 CFR 50.54(q)(5) Summary**

**Dominion Energy Nuclear Connecticut, Inc. (DENC)**

10 CFR 50.54(q)(5) Summary of Analysis for Millstone Power Station  
Emergency Plan, Revision 59

Millstone Emergency Plan Revision 59 incorporated the changes described below. A description of why each change was not a reduction in the effectiveness of the Emergency Plan and the regulatory basis for each non-editorial change are provided.

1. Figure 1-3, Licensee Emergency Response Facility Responsibilities (ALERT or higher event classifications), was modified to align with Section 5.4.3, "Corporate External Affairs Manager" and under Section 6.6, "Public Information." The revision improves congruency within the Emergency Plan. The emergency planning standards describing responsibilities for coordinated dissemination of public information during an emergency and maintaining adequate facilities per 10 CFR 50.47(b)(7) and (8) continue to be met because the responsibilities continue to be described.
2. Section 6.2.2, "Protective Action Recommendations (PARs)", was revised to identify a range of protective actions, including evacuation, sheltering, implementation of the State potassium iodide (KI) plan, and monitoring and preparing. The emergency planning standard for having a range of protective actions for the public in plume exposure pathway emergency planning zones, and considering evacuation, sheltering, and the prophylactic use of KI per 10 CFR 50.47(b)(10) continues to be met because the range of protective actions is described.
3. Section 8, "Maintaining Emergency Preparedness", was updated to reflect the transfer of responsibility for management and supervision of emergency preparedness training from the Nuclear Training Department to the Emergency Preparedness Department. This organizational change was made company-wide. All related responsibilities continue to be assigned. The emergency planning standards for assigning responsibilities, conducting drills and exercises, providing training, and maintaining emergency plans per 10 CFR 50.47(b)(1), (14), (15) and (16) continue to be met based on having provisions for supervision of staff providing emergency response organization training.
4. Appendix B, "Letters of Agreement", was updated based on results of the annual review with Offsite Response Organizations (OROs). The arrangements described in the letters of agreement (LOAs) remain in effect. The following OROs provided updated letters for inclusion in the Emergency Plan in 2018:

B-3 – AMTRAK - Updated title of Millstone contact, corrected phone numbers, expanded AMTRAK distribution of the LOA.

B-6 – YaleNewHavenHealth / Lawrence & Memorial – Updated to reflect that the Lawrence & Memorial Hospital has been acquired by Yale New Haven Health (new

name, new logo, same facilities), signed by the new President and CEO, updated Emergency Department contact name, and Director of Emergency Services name.

B-7 – (Town of) Waterford Fire Services – grammatical changes

B-14 – AccuWeather – New LOA contains identical wording, only the date was changed.

B-16 – City of Norwich Fire Department – Signed by acting chief as previous chief has retired. New letter contains identical wording, date was changed.

There were no changes to the arrangements for requesting and using assistance. All arrangements remain in effect. The emergency planning standard requesting and effectively using assistance resources per 10 CFR 50.47(b)(3) continues to be met because these arrangements have been verified to be current and updated as appropriate.

5. Figure C-3, “Maps of Plume Exposure And Ingestion Exposure EPZ, Locations of On-Site and Off-Site Radiological Monitoring Stations, Station Evacuation Routes,” was revised to address EPZ areas over water. New zones designated as G/H/I were developed to address the over-water portions of the EPZ and identified the protective action recommendations of “monitoring & prepare” and “evacuation” for these areas. These changes were made based on Regulatory Issue Summary (RIS) 2015-11, “Protective Action Recommendations for Members of the Public on Bodies of Water”. These changes were coordinated with United States Coast Guard, the Connecticut Department of Energy and Environmental Protection (DEEP), the Connecticut Division of Emergency Management and Homeland Security (DEMHS), and local emergency management directors. The OROs have adopted the new zone designations. The emergency planning standard for having a range of protective actions for the public in plume exposure pathway emergency planning zones per 10 CFR 50.47(b)(10) is met because the range of protective actions over water is described.

Editorial changes include updates to position titles with no responsibility change, reformatting changes that did not change intent, corrections of typographical errors, location descriptions, and annotations.