

Safeguards Information



NorthStar Nuclear Decommissioning Co., LLC
Vermont Yankee Nuclear Power Station
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802-451-5354

Billy E. Reid
Site Vice President

10 CFR 50.54(p)

BVY 25-001

January 7, 2025

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT: ISFSI Physical Security Plan, Revision 1
Vermont Yankee Nuclear Power Station
Docket Nos. 50-271 and 72-59
License No. DPR-28

Dear Sir or Madam:

In accordance with 10 CFR 50.54(p), Vermont Yankee Nuclear Power Station (VY) hereby submits the ISFSI Physical Security Plan, Revision 1.

This change to the Independent Spent Fuel Storage Installation (ISFSI) Physical Security Plan, Revision 1 reflects recent changes to the 10 CFR 73 reporting requirements. Specifically, notifications to the NRC will be made in accordance with the reporting requirements of 10 CFR 73.1200 Notification of Physical Security Events (vs. the previous 10 CFR 73.51) and 73.1205 Written Follow-up Reports of Physical Security Events (vs. to previous 10 CFR 73.71 and 10 CFR 73, Appendix G). In addition, this revision includes an updated Figure 3-2 identifying a modification to the vehicle barrier block configuration.

An evaluation of this Physical Security Plan revision in accordance with 10 CFR 50.54(p)(2) has determined that the incorporated changes do not reduce the effectiveness of the plan and that the plan continues to meet the standards of 10 CFR 72.212(b)(9).

This letter includes two enclosures. Enclosure 1 contains a Summary Description of Changes. Enclosure 2 is Safeguards Information as defined in 10 CFR 73.2 and contains a copy of the VY ISFSI Physical Security Plan, Revision 1.

NOTE:

ENCLOSURE 1 TO THIS LETTER IS DECONTROLLED WHEN SEPARATED FROM ENCLOSURE 2 AND ENCLOSURE 2 TO THIS LETTER CONTAINS "SAFEGUARDS INFORMATION". THIS INFORMATION MUST BE PROTECTED ACCORDINGLY. **UPON SEPARATION FROM ENCLOSURE 2, THIS LETTER IS DECONTROLLED.**

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This letter contains no new regulatory commitments.

Should you have any questions concerning this letter, please contact Mr. Thomas B. Silko at (802) 451-5354, Ext 2506.

Sincerely,

Billy E. Reid, Jr.

BER/tbs

Enclosure 1: Summary Description of Changes.

Enclosure 2: ISFSI Physical Security Plan, Revision 1.

cc: Director, Office of Nuclear Material Safety and Safeguards (w/o Enclosure 2)
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Regional Administrator, Region 1 (w/o Enclosure 2)
U.S. Nuclear Regulatory Commission
475 Allendale Rd, Suite 102
King of Prussia, PA 19406

Commissioner (w/o Enclosure 2)
Vermont Department of Public Service
112 State Street – Drawer 20
Montpelier, Vermont 05602-2601

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Enclosure 1

Vermont Yankee Nuclear Power Station

Summary Description of Changes
(1 page excluding this cover page)

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Vermont Yankee Independent Spent Fuel Storage Facility – Physical Security Plan Revision Summary

Change #	Location	Description of Change	Justification
1	Throughout	Changed Security Plan revision number from Revision 0 to Revision 1.	In accordance with 10 CFR 50.54(p), Security Plan revision number change.
2	Figure 3-2	Changed Drawing – Modified Vehicle barrier drawing to accommodate demolition of the former plant intake structure.	The modification remains within the standard of the current blast analysis. The former configuration was to allow for fuel in-transit operations.
2	3.2	Removed “Each instance shall be reported under the provisions of 10 CFR 73.51 and/or 10 CFR 50.72.” Added “Each instance shall be reported under the provisions of 10 CFR 73.1200 and/or 10 CFR 50.72.”	The reference to 10 CFR 73.71 is no longer applicable and the reporting requirements are now under 10 CFR 73.1200.
3	10.1	Removed “VY will report Security Events to the NRC using the criteria in 10 CFR 73.71 and 10 CFR 73 Appendix G and IAW facility procedures.” Added “VY will report Security Events to the NRC using the criteria in 10 CFR 73.1200 and IAW facility procedures.”	The reference to 10 CFR 73.71 and 10 CFR 73 Appendix G are no longer applicable and the reporting requirements are now under 10 CFR 73.1200.

NOTE:

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Enclosure 2

Vermont Yankee Nuclear Power Station

ISFSI Physical Security Plan, Revision 1
(92 pages excluding this cover sheet)

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