



**CONNECTICUT YANKEE ATOMIC POWER COMPANY**

**HADDAM NECK PLANT**

362 INJUN HOLLOW ROAD • EAST HAMPTON, CT 06424-3099

November 18, 2021

CY-21-014

Re: 10 CFR 72.4 and 10 CFR 72.212(b)(2)

ATTN: Document Control Desk  
Director, Division of Fuel Management,  
Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Connecticut Yankee Atomic Power Company  
Haddam Neck Plant Independent Spent Fuel Storage Installation  
NRC License No. DPR-61 (NRC Docket No. 50-213)

Subject: Adoption of Amendment 8 of NAC-MPC® Certificate of Compliance No. 72-1025  
and Canister Registration

In Reference 1, Connecticut Yankee Atomic Power Company (CYAPCO) notified the U.S. Nuclear Regulatory Commission (NRC) that the 40 NAC-MPC® canisters storing spent nuclear fuel at the Haddam Neck Plant (HNP) Independent Spent Fuel Storage Installation (ISFSI) in Haddam Neck, Connecticut would be registered to Amendment 5 of the NAC-MPC® System Certificate of Compliance No. 72-1025.

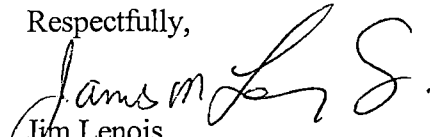
In accordance with 10 CFR 72.212(b)(2) and 10 CFR 72.4, CYAPCO is notifying the NRC that those canisters will now be registered to Amendment 8 of the NAC-MPC® System Certificate of Compliance No. 72-1025, including any applicable exemptions (Attachment 1). This change was effective on November 18, 2021.

The NRC previously granted CYAPCO an exemption from Amendment 8 to the NAC-MPC® System Certificate of Compliance No. 72.1025, Appendix A, TS A 5.1 that was granted by the NRC in Reference 2. In addition, Revision 12 of the NAC-MPC® System Final Safety Analysis Report will be the revision applicable to the HNP ISFSI. These adoptions are documented in Revision 15 to the Independent Spent Fuel Storage Installation 10 CFR 72.212 Evaluation, dated November 2021.

NM5520  
NM5526  
NM55

If you have any questions or require additional information concerning this notification, please contact me at (860) 267-6426, extension 303.

Respectfully,

  
Jim Lenois  
ISFSI Manager

Attachment 1: Cask Registration Information

References:

1. Letter from J. Lenois Sr (CYAPCO) to NRC, Connecticut Yankee Atomic Power Company, Haddam Neck Plant ISFSI Adoption of NAC-MPC<sup>®</sup> System, Amendment 5 Certificate of Compliance and Canister Registration, dated November 29, 2011. (CY-11-040)
  2. Letter from J. B. McKirgan (NRC) to B. Mitchell (CYAPCO), Exemption from 10 CFR 72.212 and 72.214 for Dry Spent Fuel Storage Activities – Haddam Neck Plant Independent Spent Fuel Storage Installation, dated October 11, 2019.
- cc: D. Lew, NRC Region I Administrator  
J. McKirgan, Chief, Division of Fuel Management, Storage and Transportation  
Licensing Branch  
A. Dimitriadis, Chief, Decommissioning Branch, NRC, Region I  
J. Semancik, Director, CT DEEP, Radiation Division  
M. Firsick, CT DEEP, Radiation Division  
G. McCahill, CT DEEP, Radiation Division

Attachment 1 to CY-21-014

Cask Registration Information

NAC-MPC Cask System – Certificate of Compliance No. 1025				
Amendment Loaded	Amendment Reconciled	Date Placed in Storage	TSC (Transportable Storage Canister) ID#	VCC (Vertical Concrete Cask) ID#
3	8	05/21/2004	CY-MPC-TSC-414-01	CY-VCC-01
3	8	06/18/2004	CY-MPC-TSC-414-02	CY-VCC-02
3	8	06/02/2004	CY-MPC-TSC-414-03	CY-VCC-03
3	8	10/18/2004	CY-MPC-TSC-414-04	CY-VCC-04
3	8	11/15/2004	CY-MPC-TSC-414-05	CY-VCC-05
4	8	01/20/2005	CY-MPC-TSC-414-06	CY-VCC-06
4	8	12/24/2004	CY-MPC-TSC-414-07	CY-VCC-07
3	8	06/26/2004	CY-MPC-TSC-414-08	CY-VCC-08
3	8	06/10/2004	CY-MPC-TSC-414-09	CY-VCC-09
3	8	11/04/2004	CY-MPC-TSC-414-10	CY-VCC-10
4	8	02/16/2005	CY-MPC-TSC-414-11	CY-VCC-11
3	8	10/05/2004	CY-MPC-TSC-414-12	CY-VCC-12
4	8	02/23/2005	CY-MPC-TSC-414-13	CY-VCC-13
3	8	10/29/2004	CY-MPC-TSC-414-14	CY-VCC-14
4	8	02/02/2005	CY-MPC-TSC-414-15	CY-VCC-15
3	8	07/10/2004	CY-MPC-TSC-414-16	CY-VCC-16
4	8	02/27/2005	CY-MPC-TSC-414-17	CY-VCC-17
3	8	09/27/2004	CY-MPC-TSC-414-18	CY-VCC-18
3	8	07/01/2004	CY-MPC-TSC-414-19	CY-VCC-19
3	8	07/15/2004	CY-MPC-TSC-414-20	CY-VCC-20
3	8	07/31/2004	CY-MPC-TSC-414-21	CY-VCC-21
3	8	07/26/2004	CY-MPC-TSC-414-22	CY-VCC-22
3	8	07/22/2004	CY-MPC-TSC-414-23	CY-VCC-23
4	8	03/04/2005	CY-MPC-TSC-414-24	CY-VCC-24
3	8	11/20/2004	CY-MPC-TSC-414-25	CY-VCC-25
3	8	09/9/2004	CY-MPC-TSC-414-26	CY-VCC-26
3	8	09/16/2004	CY-MPC-TSC-414-27	CY-VCC-27
4	8	03/10/2005	CY-MPC-TSC-414-28	CY-VCC-28
3	8	11/09/2004	CY-MPC-TSC-414-29	CY-VCC-29
4	8	03/26/2005	CY-MPC-TSC-414-30	CY-VCC-30
3	8	09/21/2004	CY-MPC-TSC-414-31	CY-VCC-31
4	8	03/18/2005	CY-MPC-TSC-414-32	CY-VCC-32
3	8	10/12/2004	CY-MPC-TSC-414-33	CY-VCC-33
3	8	12/11/2004	CY-MPC-TSC-414-34	CY-VCC-34
3	8	08/26/2004	CY-MPC-TSC-414-35	CY-VCC-35
3	8	08/18/2004	CY-MPC-TSC-414-36	CY-VCC-36
4	8	01/27/2005	CY-MPC-TSC-414-37	CY-VCC-37
4	8	02/06/2005	CY-MPC-TSC-414-38	CY-VCC-38
4	8	03/13/2005	CY-MPC-TSC-414-39	CY-VCC-39
4	8	02/09/2005	CY-MPC-TSC-414-40	CY-VCC-40

Notes: The canisters were reconciled to NAC-MPC Certificate of Compliance 72-1025, Amendment No. 8 and NAC-MPC FSAR Revision No. 12.