



CONNECTICUT YANKEE ATOMIC POWER COMPANY

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

November 29, 2011
CY-11-040

UNITED STATES NUCLEAR REGULATORY COMMISSION
Attention: Document Control Desk
Washington, DC 20555

- References:
- (a) License No. DPR-61 (Docket Nos. 50-213; 72-0039; 72-1025)
 - (b) NAC-MPC[®] Final Safety Analysis Report, Amendment No. 1, dated February 2002.
 - (c) Certificate of Compliance Number 72-1025 for the NAC-MPC[®] System, Amendment No. 1, U. S. Nuclear Regulatory Commission, dated January 23, 2002 (effective November 13, 2001).
 - (d) USNRC letter to Connecticut Yankee Atomic Power Company, Exemption from 10 CFR 72.212 and 72.214, for Dry Fuel Storage Activities, Haddam Neck Plant (TAC No.L23642) February 26, 2004 (ICY-04-019).
 - (e) Certificate of Compliance Number 72-1025 for the NAC-MPC[®] System, Amendment No. 2, U. S. Nuclear Regulatory Commission, dated May 30, 2002.
 - (f) Certificate of Compliance Number 72-1025 for the NAC-MPC[®] System, Amendment No. 3, U. S. Nuclear Regulatory Commission, dated October 1, 2003.
 - (g) Certificate of Compliance Number 72-1025 for the NAC-MPC[®] System, Amendment No. 4, U.S. Nuclear Regulatory Commission, dated October 27, 2004.
 - (h) Certificate of Compliance Number 72-1025 for the NAC-MPC[®] System, Amendment No. 5, U.S. Nuclear Regulatory Commission, dated July 24, 2007.
 - (i) NAC-MPC[®] Final Safety Analysis Report, Revision 7, Amendment 5, dated January 2008.
 - (j) USNRC letter to Connecticut Yankee Atomic Electric Company, Exemption from 10 CFR 72.212 and 72.214 for Dry Spent Fuel Storage Activities, Haddam Neck Plant (TAC L24373) dated July 15, 2010 (ICY-10-015).

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**Subject: Connecticut Yankee Atomic Power Company, Haddam Neck Plant
ISFSI Adoption of NAC-MPC® System, Amendment 5 Certificate of
Compliance and Canister Registration**


The purpose of this letter is to notify USNRC that all 40 NAC-MPC® canisters storing spent nuclear fuel at the Connecticut Yankee Atomic Power Company, Haddam Neck Plant ISFSI site in Haddam Neck, Connecticut will now be registered to NAC-MPC® System Amendment 5.

Connecticut Yankee loaded all spent nuclear fuel associated with plant operation into 40 NAC-MPC® canisters under Amendment 3 and 4 including Exemptions of NAC-MPC® Certificate of Compliance No. 72-1025, references (c, e, f and g). Subsequently, Connecticut Yankee registered those 40 canisters with the USNRC to NAC-MPC® through the 40 letters listed in Attachment A. Connecticut Yankee requested an exemption from two Technical Specification requirements contained in NAC-MPC® Amendment 5 Certificate of Compliance. That request was granted in reference (j).

In accordance with the regulatory guidance provided under 10 CFR 72.212(b)(4), Connecticut Yankee hereby provides notification that the 40 canisters previously registered to NAC-MPC® Amendment 3 and 4 including Exemptions of NAC-MPC® Certificate of Compliance No. 72-1025, references (c, e, f, and g) will now be registered to the NAC-MPC® System, Amendment 5 (reference (h)). Concurrent with this change, the current revision of the Final Safety Analysis Report for the NAC-MPC® System will become Revision 7 (reference (i)).

If you have any questions or require additional information concerning this notification, please contact me at (860) 267-6426, extension 303 or jlinois@3yankees.com.

Sincerely,


James Lenois Sr.
ISFSI Manager

C: W. Norton, President/CEO Connecticut Yankee
J. Fay, Connecticut Yankee
John Goshen, Project Manager, USNRC
W. Dean, Administrator Region I, USNRC
J. Joustra, DNMS Branch Chief, Region I, USNRC
Mark Roberts, Region I, USNRC

Attachment A - Connecticut Yankee ISFSI Cask Registration Information

NAC-MPC Cask System – CofC No.1025 (Expires 4/10/2020)					
Amendment Loaded	Current Amendment	Date Placed in Storage	CY Letter #	TSC (Transportable Storage Canister) ID#	VCC (Vertical Concrete Cask) ID#
3	5	05/21/2004	CY-04-116	CY-MPC-TSC-414-01	CY-VCC-01
3	5	06/18/2004	CY-04-054	CY-MPC-TSC-414-02	CY-VCC-02
3	5	06/03/2004	CY-04-120	CY-MPC-TSC-414-03	CY-VCC-03
3	5	10/18/2004	CY-04-214	CY-MPC-TSC-414-04	CY-VCC-04
3	5	11/15/2004	CY-04-230	CY-MPC-TSC-414-05	CY-VCC-05
4	5	01/20/2005	CY-05-021	CY-MPC-TSC-414-06	CY-VCC-06
4	5	12/24/2004	CY-05-001	CY-MPC-TSC-414-07	CY-VCC-07
3	5	06/26/2004	CY-04-129	CY-MPC-TSC-414-08	CY-VCC-08
3	5	06/10/2004	CY-04-093	CY-MPC-TSC-414-09	CY-VCC-09
3	5	11/04/2004	CY-04-224	CY-MPC-TSC-414-10	CY-VCC-10
4	5	02/16/2005	CY-05-052	CY-MPC-TSC-414-11	CY-VCC-11
3	5	10/05/2004	CY-04-211	CY-MPC-TSC-414-12	CY-VCC-12
4	5	02/23/2005	CY-05-055	CY-MPC-TSC-414-13	CY-VCC-13
3	5	10/28/2004	CY-04-221	CY-MPC-TSC-414-14	CY-VCC-14
4	5	02/02/2005	CY-05-033	CY-MPC-TSC-414-15	CY-VCC-15
3	5	07/10/2004	CY-04-139	CY-MPC-TSC-414-16	CY-VCC-16
4	5	02/27/2005	CY-05-056	CY-MPC-TSC-414-17	CY-VCC-17
3	5	09/27/2004	CY-04-201	CY-MPC-TSC-414-18	CY-VCC-18
3	5	07/01/2004	CY-04-137	CY-MPC-TSC-414-19	CY-VCC-19
3	5	07/15/2004	CY-04-141	CY-MPC-TSC-414-20	CY-VCC-20
3	5	07/31/2004	CY-04-160	CY-MPC-TSC-414-21	CY-VCC-21
3	5	07/26/2004	CY-04-158	CY-MPC-TSC-414-22	CY-VCC-22
3	5	07/22/2004	CY-04-155	CY-MPC-TSC-414-23	CY-VCC-23
4	5	03/04/2005	CY-05-067	CY-MPC-TSC-414-24	CY-VCC-24
3	5	11/20/2004	CY-04-234	CY-MPC-TSC-414-25	CY-VCC-25
3	5	09/10/2004	CY-04-194	CY-MPC-TSC-414-26	CY-VCC-26
3	5	09/17/2004	CY-04-196	CY-MPC-TSC-414-27	CY-VCC-27
4	5	03/10/2005	CY-05-070	CY-MPC-TSC-414-28	CY-VCC-28
3	5	11/09/2004	CY-04-231	CY-MPC-TSC-414-29	CY-VCC-29
4	5	03/26/2005	CY-05-091	CY-MPC-TSC-414-30	CY-VCC-30
3	5	09/21/2004	CY-04-199	CY-MPC-TSC-414-31	CY-VCC-31
4	5	03/18/2005	CY-05-078	CY-MPC-TSC-414-32	CY-VCC-32
3	5	10/12/2004	CY-04-059	CY-MPC-TSC-414-33	CY-VCC-33
3	5	12/11/2004	CY-04-251	CY-MPC-TSC-414-34	CY-VCC-34
3	5	08/26/2004	CY-04-177	CY-MPC-TSC-414-35	CY-VCC-35
3	5	08/18/2004	CY-04-167	CY-MPC-TSC-414-36	CY-VCC-36
4	5	01/27/2005	CY-05-027	CY-MPC-TSC-414-37	CY-VCC-37
4	5	02/06/2005	CY-05-039	CY-MPC-TSC-414-38	CY-VCC-38
4	5	03/13/2005	CY-05-069	CY-MPC-TSC-414-39	CY-VCC-39
4	5	02/09/2005	CY-05-043	CY-MPC-TSC-414-40	CY-VCC-40
N/A	N/A	05/03/2004	CY-04-095	CY-MPC-TSC-414-41*	CY-VCC-42
N/A	N/A	04/20/2004	CY-04-103	CY-MPC-TSC-414-42*	CY-VCC-41
N/A	N/A	03/30/2005	CY-05-094	CY-MPC-TSC-414-43*	CY-VCC-43

Notes:

1. CY-MPC-TSC-414-41*, CY-MPC-TSC-414-42* and CY-MPC-TSC-414-43* contain Greater than Class C (GTCC) Waste. These TSC's are not licensed under 10 CFR72.
2. The Connecticut Yankee Canisters were reconciled to NAC-MPC Certificate of Compliance 1025, Amendment 5 and NAC-MPC-FSAR Revision 7.