U.S. NUCLEAR REGULATORY COMMISSION
REGION I

INSPECTION REPORT

Inspection No.	07200039/2009001
Docket No.	07200039
License No.	SFGL-21
Licensee:	Connecticut Yankee Atomic Power Company
Location:	362 Injun Hollow Road East Hampton, CT 06424
Inspection Dates:	May 20-21 and June 23, 2009
Inspectors:	John J. Nicholson, Health Physicist Decommissioning Branch Division of Nuclear Materials Safety (DNMS) Orysia M. Masnyk Bailey, Health Physicist Decommissioning Branch, DNMS
Approved By:	Judith A. Joustra, Chief Decommissioning Branch, DNMS

Enclosure

SUMMARY OF FINDINGS

IR 07200039/2009001; 05/20-21/2009 and 06/23/2009; Connecticut Yankee Atomic Power Company; Independent Spent Fuel Storage Installation (ISFSI) Security Inspection

This report covers an announced inspection conducted by regional-based ISFSI/decommissioning inspectors. This inspection consisted of a review and evaluation of the physical security program for the stand alone Independent Spent Fuel Storage Installation (ISFSI) at the Connecticut Yankee Atomic Power Company site, a decommissioned reactor facility, in East Hampton, CT. The inspection consisted of observations of ISFSI physical security related activities in progress, evaluation of additional security measures (ASM) in place for the ISFSI, interviews with personnel, an examination of procedures and security records. The inspectors used Temporary Instruction (TI) 2690/010, "Inspections of ASMs for Dry Cask Storage at ISFSI(s) Not Co-Located at an Operating Reactor Facility" to conduct the inspection.

NRC-Identified and Self-Revealing Findings

ISFSI Security

No findings of significance were identified. (Section 1.1)

REPORT DETAILS[1]

1.0 ISFSI Security

1.1 Independent Spent Fuel Storage Installation (ISFSI) Not Co-Located at an Operating Reactor Facility (TI 2690/010)

a. Inspection Scope

The inspectors reviewed the Connecticut Yankee Atomic Power Company's Physical Security Plan (PSP) and implementation of the requirements of the Additional Security Measures (ASMs) in place for the ISFSI. The inspectors reviewed procedures and records (including training records) and interviewed security personnel. The inspectors verified that the licensee's facility had appropriate physical barriers and had redundant communications capability between the onsite security force and the Local Law Enforcement Agency (LLEA). The inspectors toured the ISFSI and Alarm Station and observed the licensee's security officers perform equipment functionality tests for illumination systems; communications systems between the Alarm Station and security officers, LLEA, and the remote alarm monitoring station; surveillance/assessment system; and intrusion alarm system. Additionally, the inspectors evaluated the licensee's handling and storage of safeguards information in accordance with regulatory requirements.

b. Findings

No findings of significance were identified.

2.0 Exit Meeting

The inspectors discussed preliminary inspection findings with James Lenois, ISFSI Manager, Connecticut Yankee Atomic Power Company, and members of his staff on May 21, 2009, at the conclusion of on site inspection activities. On June 23, 2009, a telephone exit interview was conducted with Wayne Norton, President and CEO, Connecticut Yankee Atomic Power Company, James Lenois, and other ISFSI site managers. The licensee did not identify any of the documents reviewed or statements referenced to specific processes as proprietary in nature.

ATTACHMENT: SUPPLEMENTAL INFORMATION

1 A list of acronyms used in the report is included at the end of the Report Details.

SUPPLEMENTAL INFORMATION

PARTIAL LIST OF PERSONS CONTACTED

James Lenois, ISFSI Manager, Connecticut Yankee
James Connell, ISFSI Manager, Maine Yankee
Ralph Cox, Senior Site Supervisor
Frank DeBuono, ISFSI Site Supervisor/Maintenance Supervisor
Shae Hemingway, ISFSI Operations Specialist
Robert Mitchell, ISFSI Manager, Yankee Atomic
Wayne Norton, President & CEO, Connecticut Yankee

INSPECTION PROCEDURES USED

TI 2690/010	Inspections of ASMs for Dry Cask Storage at ISFSI(s) Not Co-Located at an Operating Reactor Facility
IP 81001	Independent Spent Fuel Storage Installation(s)

ITEMS OPENED, CLOSED, AND DISCUSSED

Opened, Closed, and Discussed

None.

LIST OF DOCUMENTS REVIEWED

The following is a list of documents reviewed during the inspection. Inclusion on the list does not imply the Nuclear Regulatory Commission (NRC) inspectors reviewed the documents in their entirety but rather that selected sections or portions of the documents were evaluated as part of the overall inspection effort. Inclusion of a document on this list does not imply NRC acceptance of the document, or any part of it, unless this is stated in the body of the inspection report.

NRC Order EA-03-097 “Additional Security Measures Associated with Access Authorization,” issued on August 18, 2004

Connecticut Yankee Atomic Power Company Physical Security Plan (Rev. 2, dated 05/2006)

ACRONYMS

ASM	Additional Security Measures
DNMS	Division of Nuclear Materials Safety
ISFSI	Independent Spent Fuel Storage Installation
LLEA	Local Law Enforcement Agency
NRC	Nuclear Regulatory Commission
PSP	Physical Security Plan
TI	Temporary Instruction