



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

August 4, 2009

Docket No. 07200030

License No. SFGL-14

James Connell  
ISFSI Manager  
Maine Yankee Atomic Power Company  
321 Old Ferry Road  
Wiscasset, ME 904578-4922

**SUBJECT: MAINE YANKEE ATOMIC POWER COMPANY - NRC ISFSI SECURITY  
INSPECTION REPORT 07200030/2009001**

Dear Mr. Connell:

On June 23, 2009, the U.S. Nuclear Regulatory Commission (NRC) completed an Independent Spent Fuel Storage Installation (ISFSI) security inspection at your Maine Yankee Atomic Power Company site. The inspection covered the NRC's Additional Security Measures (ASMs) for the Physical Protection of Dry Independent Spent Fuel Storage Installations. The enclosed inspection report documents the inspection results, which were discussed on June 23, 2009 with you and members of your staff.

The inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

Based on the results of this inspection, no findings of significance were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Thank you for your cooperation during this inspection.

Sincerely,

**/RA/**

Judith A. Joustra, Chief  
Decommissioning Branch  
Division of Nuclear Materials Safety

Docket No. 07200030  
License No. SFGL-14

Enclosure: Inspection Report No. 07200030/2009001  
w/Attachment: Supplemental Information

cc w/encl:  
W. Norton, Vice President & CEO  
G. Poulin, Chairman of the Board  
E. Howes, Manager of Public and Governmental Affairs  
J. Fay, General Counsel  
R. Mitchell, QA Manager  
P. Dostie, State Nuclear Safety Inspector  
P. Brann, Assistant Attorney General  
Chairman Board of Selectmen  
State of Maine, SLO Designee  
M. Kilkelly, Chair - Community Advisory Panel  
Friends of the Coast

U.S. NUCLEAR REGULATORY COMMISSION  
REGION I

INSPECTION REPORT

Inspection No. 07200030/2009001

Docket No. 07200030

License No. SFGL-14

Licensee: Maine Yankee Atomic Power Company

Location: 321 Old Ferry Road  
Wiscasset, Maine 04578-4922

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

Dennis R. Lawyer, Health Physicist  
Decommissioning Branch, DNMS

Approved By:

Judith A. Joustra, Chief  
Decommissioning Branch, DNMS

Enclosure

## SUMMARY OF FINDINGS

IR 07200030/2009001; 05/20-21/2009 and 06/23/2009; Maine 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 Maine Yankee Atomic Power Company site, a decommissioned reactor facility, in Wiscasset, Maine. 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, and 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<sup>1</sup>

### **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 Maine 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 Connell, ISFSI Manager, Maine Yankee Atomic Power Company and members of his staff on May 19, 2009, at the conclusion of on site inspection activities. On June 23, 2009, a telephone exit interview was conducted with Wayne Norton, Vice President and Chief Nuclear Officer, Maine Yankee Atomic Power Company, James Connell, 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**

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<sup>1</sup> 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 Connell, ISFSI Manager, Maine Yankee  
Larry Jewett, Operations Specialist  
Allan King, Security Officer/Range Master, Maine Yankee  
Lt. Gerard Madden, Maine State Police Officer  
Wayne Norton, Vice President and CNO, Maine Yankee  
John Rzasa, Shift Supervisor, Maine Yankee  
William Snedeker, Maine State Police, Commander of Special Services  
James Lenois, ISFSI Manager, Connecticut Yankee  
Robert Mitchell, ISFSI Manager, Yankee Atomic

**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) (Security Inspection Procedure)

**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

Maine Yankee Atomic Power Company Physical Security Plan (Rev. 1, dated 03/29/2004)

**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