



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

July 8, 2010

MEMORANDUM TO: Chairman Jaczko
Commissioner Svinicki
Commissioner Apostolakis
Commissioner Magwood
Commissioner Ostendorff

FROM: Joseph G. Giitter, Director
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

A handwritten signature in black ink, reading "Joseph G. Giitter".

SUBJECT: NOTIFICATION OF INFORMATION IN THE MATTER OF PILGRIM
NUCLEAR POWER STATION

In conformance with the Commission's policy on notification to the Commission regarding significant new information, this memorandum provides the following information.

The staff has been notified of elevated tritium levels in one of Pilgrim Nuclear Power Station's (PNPS) monitoring wells located near the condensate storage tank. The latest sample taken on June 21, 2010, returned a test result of 11,072 picocuries per liter. This is below the regulatory reporting requirements and the Environmental Protection Agency drinking water limits. To date, tritium is the only isotope that has been identified in the samples (samples are also tested for hard to detect isotopes such as strontium). PNPS has increased the sampling frequency from quarterly to weekly and has established a formal investigation plan to determine the source of the activity. Although the sample results are below the regulatory reporting requirements, we are providing this information because it may be an issue of public interest. The staff is following this issue closely.

This information will also be served on the parties to the proceeding currently pending before the Atomic Safety Licensing Board.

Docket No. 50-293

cc: Distribution via Listserv

ADAMS Accession No. ML101890045

CONTACT: James Kim, NRR/DORL
301-415-4125

July 8, 2010

MEMORANDUM TO: Chairman Jaczko
Commissioner Svinicki
Commissioner Apostolakis
Commissioner Magwood
Commissioner Ostendorff

FROM: Joseph G. Giitter, Director */ra/*
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

SUBJECT: NOTIFICATION OF INFORMATION IN THE MATTER OF PILGRIM
NUCLEAR POWER STATION

In conformance with the Commission's policy on notification to the Commission regarding significant new information, this memorandum provides the following information.

The staff has been notified of elevated tritium levels in one of Pilgrim Nuclear Power Station's (PNPS) monitoring wells located near the condensate storage tank. The latest sample taken on June 21, 2010, returned a test result of 11,072 picocuries per liter. This is below the regulatory reporting requirements and the Environmental Protection Agency drinking water limits. To date, tritium is the only isotope that has been identified in the samples (samples are also tested for hard to detect isotopes such as strontium). PNPS has increased the sampling frequency from quarterly to weekly and has established a formal investigation plan to determine the source of the activity. Although the sample results are below the regulatory reporting requirements, we are providing this information because it may be an issue of public interest. The staff is following this issue closely.

This information will also be served on the parties to the proceeding currently pending before the Atomic Safety Licensing Board.

Docket No. 50-293

cc: Distribution via Listserv

ADAMS Accession No. ML101890045

CONTACT: James Kim, NRR/DORL
301-415-4125

DISTRIBUTION:

PUBLIC LPLI-1 Rdg RidsEdoMailCenter RidsSECY RidsOCA
RidsOGC RidsOPA RidsNrrDir RidsNrrOd RidsNrrDorl

*Via email

OFFICE	LA:DORL	PM:DORL	BC:RI:PSB2*	BC:DORL
NAME	SLittle	JKim	JWhite	NSalgado
DATE	07/08/10	07/08/10	07/ 08/10	07/08/10
OFFICE	OGC (NLO)	D:DORL		
NAME	SUttal	JGiitter		
DATE	07/08/10	070/8/10		

OFFICIAL RECORD COPY