



U.S. Department of
Transportation
**Maritime
Administration**

Savannah Technical Staff
Office of Ship Disposal Programs

1200 New Jersey Ave., SE
Washington, DC 20590

Ref: 10 CFR 50.82(a)(4)(i)

December 11, 2008

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

SUBJECT: Docket No. 50-238; License No. NS-1; N.S. Savannah

Submittal of Post Shutdown Decommissioning Activities Report, Revision 1

- References:**
- (a) Letter from Mr. E. W. Koehler (Maritime Administration) to Document Control Desk (NRC), dated December 11, 2006, Submittal of Post Shutdown Decommissioning Activities Report, Revision 0
 - (b) Letter from Mr. E. W. Koehler, (Maritime Administration) to Document Control Desk (NRC), dated January 27, 2007, Withdrawal of Post Shutdown Decommissioning Activities Report, Revision 0
 - (c) Letter from Mr. R. W. Sliker (Maritime Administration) to Mr. A. Giambusso, (AEC), dated December 20, 1973, N.S. Savannah License NS-1
 - (d) Letter from Mr. J. Davis (Maritime Administration) to Mr. S. D. Ebnetter (NRC), dated August 2, 1990
 - (e) Letter from Mr. Z. Levine (Maritime Administration) to Mr. R. W. Reid (NRC), dated March 17, 1976
 - (f) Letter from Mr. Z. Levine (Maritime Administration) to Mr. R. W. Reid (NRC), dated April 13, 1976
 - (g) Letter from Mr. Z. Levine (Maritime Administration) to Mr. R. W. Reid (NRC), dated April 21, 1976

Pursuant to 10 CFR 50.82(a)(4)(i), the Maritime Administration hereby submits the Nuclear Ship *Savannah* (NSS) Post Shutdown Decommissioning Activities Report (PSDAR), Revision 1. The NSS PSDAR includes the following:

- o a description of the planned decommissioning activities along with a schedule for their accomplishment;
- o an estimate of expected costs; and
- o the basis for the Maritime Administration's conclusion that the proposed action will not significantly affect the quality of the human environment or otherwise include any condition requiring consultation pursuant to Section 102(2)(c) of the National Environmental Policy Act of 1969.

In Reference (a), the Maritime Administration submitted Revision 0 to the PSDAR. In Reference (b), the Maritime Administration informed the NRC that the decommissioning schedule in Revision 0 was no longer achievable because of funding shortfalls associated with Continuing Resolutions approved by the U.S. Congress for FY 2007. The agency committed to resubmitting the PSDAR when a reasonably stable decommissioning approach could be determined.

**Docket No. 50-238; License NS-1; N.S. Savannah
Submittal of PSDAR, Revision 1
December 11, 2008**

The PSDAR requirement of 10 CFR 50.82(a)(4)(i) was initially promulgated in 1996, and required that a PSDAR be submitted prior to or within two years following the permanent cessation of operations. Because the NSS was defueled and partially decommissioned some 25 years before the PSDAR regulation was promulgated, References (c) through (g) are highlighted to demonstrate that the Maritime Administration essentially met the underlying intent of the PSDAR submission and content requirement.

In particular, Reference (c) was submitted in 1973 to report the reactor plant's wet lay-up status, and stated that its contents "could, in some future case, be supportive information to consider termination of [NSS's] Part 50 applicability, if circumstances warranted." With the exception of a discussion on decommissioning funding, Reference (c) addressed the content requirements for an initial PSDAR. Reference (d), submitted in 1990, provided the missing information regarding decommissioning funding. The Maritime Administration updated the discussion of Reference (c) in References (e), (f) and (g) to support its possession-only license amendment request in 1976. Notwithstanding the prior Maritime Administration actions, Enclosure 1 is Revision 1 of the NSS PSDAR.

The PSDAR is based on the best information currently available and the plans may be modified as additional information becomes available or conditions change. If plans change in a significant manner, the Maritime Administration will inform the U. S. Nuclear Regulatory Commission (NRC) in accordance with 10 CFR 50.82(a)(7). For example, after a decommissioning location is selected, the environmental analysis will be supplemented with location specific information.

Enclosure 2 lists two new Regulatory Commitments supporting the PSDAR, Revision 1.

If there are any questions or concerns with any issue discussed in this request, please contact me at (202) 366-2631, and/or e-mail me at erhard.koehler@dot.gov.

Respectfully,

APPROVED

By Erhard W. Koehler at 1:04 pm, Dec 11, 2008

Erhard W. Koehler
Senior Technical Advisor, N.S. Savannah
Office of Ship Disposal Programs

Enclosure

**Docket No. 50-238; License NS-1; N.S. *Savannah*
Submittal of PSDAR, Revision 1
December 11, 2008**

Enclosure:

1. NS *Savannah* (NSS) Post Shutdown Decommissioning Activities Report (PSDAR), Revision 1
2. List of Regulatory Commitments

Docket No. 50-238; License NS-1; N.S. Savannah
Submittal of PSDAR, Revision 1
December 11, 2008

cc:

Electronic copy

NSS ESC

NSS SRC

MAR-612, 615

Hardcopy, cover letter only

MAR-600, 640, 640.2

Hardcopy w/ all enclosures

MAR-100, 640.2 (rf)

USNRC (John T. Buckley, Mark C. Roberts)

USNRC Regional Administrator - NRC Region I

MD Department of the Environment (Roland G. Fletcher; George S. Aburn, Jr.)

NC Department of Environment & Natural Resources (Beverly O. Hall)

SC Department of Health & Environmental Control (Henry Porter; T. Pearce O'Kelley)

VA Department of Emergency Management (Michael M. Cline)

VA Department of Health (Leslie P. Foldesi)

EK/jmo



U.S. Department of
Transportation

Savannah Technical Staff
Office of Ship Disposal Programs

1200 New Jersey Ave., SE
Washington, DC 20590

**Maritime
Administration**

**Docket No. 50-238; License No. NS-1; N.S. *Savannah*
Enclosure 1 to Submittal of PSDAR, Revision 1**



**Maritime
Administration**

Docket No. 50-238; License No. NS-1; N.S. Savannah

Enclosure 2 to Submittal of PSDAR, Revision 1

LIST OF REGULATORY COMMITMENTS

The following table identifies those actions committed to by the Maritime Administration in this document. Any other statements in this submittal are provided for information purposes and are not considered to be regulatory commitments. Please direct questions regarding these commitments to Erhard W. Koehler (202) 366-2631, and/or erhard.koehler@dot.gov.

REGULATORY COMMITMENT	TYPE (Check One)		DUE DATE
	One Time Action	Continuing Action	
After a decommissioning location is selected, environmental analysis will be supplemented with location specific information.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	90 days after the decommissioning location is publicly announced.
An Offsite Dose Calculation Manual will be developed and implemented prior to beginning active decommissioning.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	90 days after the decommissioning location is publicly announced.