Appendix L
Field Data Sheets and Results

Field Data Sheets and Results for Radiation Areas

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Reactor Containment
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSS-RC-TSI-1A, -1B, -1C	Straight run pipe insulation associated with electrical cord	Secondary Containment- Deck A Level	Good	x	
NSS-RC-TSI-2A, -2B, -2C	Straight run pipe insulation associated with UV tanks (12" diameter)	Secondary Containment	Good	x	
NSS-RC-TSI-3A, -3B, -3C	Elbow pipe insulation associated with UV tanks (12" diameter)	Secondary Containment	Good	x	
NSS-RC-TSI-4A, -4B, -4C	Straight run pipe insulation associated with 4" diameter pipes	Primary and Secondary Containment	Good	x	
NSS-RC-TSI-5A, -5B, -5C	Elbow pipe insulation associated with 4" diameter pipes	Primary and Secondary Containment	Good	x	
NSS-RC-TSI-6A, -6B, -6C	Straight run pipe insulation associated with 2" diameter pipes	Primary and Secondary Containment	Good	x	
NSS-RC-TSI-7A, -7B, -7C	Elbow pipe insulation associated with 2" diameter pipes	Primary and Secondary Containment	Good	x	

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Reactor Containment
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSS-RC-TSI-8A, -8B, -8C	Straight run pipe insulation associated with 10" diameter pipes	Primary and Secondary Containment	Good	x	
NSS-RC-TSI-9A, -9B, -9C	Elbow pipe insulation associated with 10" diameter pipes	Primary and Secondary Containment	Good	x	
NSS-RC-TSI-10A, -10B, -10C	Straight run pipe insulation associated with waste tanks	Lower Secondary Containment	Good	x	
NSS-RC-TSI-11A, -11B, -11C	Elbow pipe insulation associated with waste tanks	Lower Secondary Containment	Good	x	
NSS-RC-TSI-12A, -12B, -12C	Insulation associated with the secondary heat exchanger (purple in color)	Primary Containment	Good	x	
NSS-RC-TSI-13A, -13B, -13C	Straight run pipe insulation associated with pressurizer system (red in color)	Primary Containment	Good	x	
NSS-RC-TSI-14A, -14B, -14C	Elbows insulation associated with pressurizer system (red in color)	Primary Containment	Good	x	

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Reactor Containment
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NS-RC-TSI-15A, -15B, -15C	Insulation associated with pressurizer system tank (red in color)	Primary Containment	Good	x	
NSS-RC-TSI-16A, -16B, -16C	Straight run pipe insulation associated with secondary heat exchanger (purple in color)	Primary Containment	Good	x	
NSS-RC-TSI-17A, -17B, -17C	Elbow insulation associated with secondary heat exchanger (purple in color)	Primary Containment	Good	x	
NSS-RC-TSI-18A, -18B, -18C	Straight run pipe insulation associated with primary heat exchanger system (24" in diameter and red in color)	Primary Containment	Good	x	
NSS-RC-TSI-19A, -19B, -19C	Elbow pipe insulation associated with primary heat exchanger system (24" in diameter and red in color)	Primary Containment	Good	x	
NSS-RC-TSI-20A, -20B, -20C	Canvas wrap associated with fiberglass insulation	Primary and Secondary Containment	Good	x	

Note: All pipes are recorded as total diameter of the pipe and the associated insulation.

Asbestos Survey Sampling Data (4-15 April 2005)
NS-Savannah – Fort Eustis, Virginia
ERM Work Order No. 0028178

Sample #	*Material Description*	*Sample Location(s)*[1]	*Friable?* [2]	*Condition*[3]	*PLM Results*[4] *(Asbestos Percent/Type)*
NSS-RC-TSI-1A, -1B, -1C	Straight run pipe insulation associated with electrical cord	Secondary Containment- Deck A Level	Yes	Good	NAD
NSS-RC-TSI-2A, -2B, -2C	Straight run pipe insulation associated with UV tanks (12" diameter)	Secondary Containment	Yes	Good	25% -Chrysotile and Amosite
NSS-RC-TSI-3A, -3B, -3C	Elbow pipe insulation associated with UV tanks (12" diameter)	Secondary Containment	Yes	Good	35%-Amosite
NSS-RC-TSI-4A, -4B, -4C	Straight run pipe insulation associated with 4" diameter pipes	Primary and Secondary Containment	Yes	Good	20%-Chrysotile and Amosite
NSS-RC-TSI-5A, -5B, -5C	Elbow pipe insulation associated with 4" diameter pipes	Primary and Secondary Containment	Yes	Good	35%-Chrysotile and Amosite
NSS-RC-TSI-6A, -6B, -6C	Straight run pipe insulation associated with 2" diameter pipes	Primary and Secondary Containment	Yes	Good	20%-Chrysotile and Amosite
NSS-RC-TSI-7A, -7B, -7C	Elbow pipe insulation associated with 2" diameter pipes	Primary and Secondary Containment	Yes	Good	25%-Chrysotile and Amosite

Asbestos Survey Sampling Data (4-15 April 2005)
NS-Savannah – Fort Eustis, Virginia
ERM Work Order No. 0028178

Sample #	*Material Description*	*Sample Location(s)*[1]	*Friable?* [2]	*Condition*[3]	*PLM Results*[4] *(Asbestos Percent/Type)*
NSS-RC-TSI-8A, -8B, -8C	Straight run pipe insulation associated with 10" diameter pipes	Primary and Secondary Containment	Yes	Good	20%-Chrysotile and Amosite
NSS-RC-TSI-9A, -9B, -9C	Elbow pipe insulation associated with 10" diameter pipes	Primary and Secondary Containment	Yes	Good	30%-Chrysotile and Amosite
NSS-RC-TSI-10A, -10B, -10C	Straight run pipe insulation associated with waste tanks	Lower Secondary Containment	Yes	Good	25%-Chrysotile and Amosite
NSS-RC-TSI-11A, -11B, -11C	Elbow pipe insulation associated with waste tanks	Lower Secondary Containment	Yes	Good	45%-Chrysotile and Amosite
NSS-RC-TSI-12A, -12B, -12C	Insulation associated with the secondary heat exchanger (purple in color)	Primary Containment	Yes	Good	25%-Chrysotile and Amosite
NSS-RC-TSI-13A, -13B, -13C	Straight run pipe insulation associated with pressurizer system (red in color)	Primary Containment	Yes	Good	40%-Amosite
NSS-RC-TSI-14A, -14B, -14C	Elbows insulation associated with pressurizer system (red in color)	Primary Containment	Yes	Good	15%-Chrysotile and Amosite

Asbestos Survey Sampling Data (4-15 April 2005)
NS-Savannah – Fort Eustis, Virginia
ERM Work Order No. 0028178

Sample #	*Material Description*	*Sample Location(s)*[1]	*Friable?* [2]	*Condition*[3]	*PLM Results*[4] *(Asbestos Percent/Type)*
NSS-RC-TSI-15A, -15B, -15C	Insulation associated with pressurizer system tank (red in color)	Primary Containment	Yes	Good	20%-Chrysotile and Amosite
NSS-RC-TSI-16A, -16B, -16C	Straight run pipe insulation associated with secondary heat exchanger (purple in color)	Primary Containment	Yes	Good	25%-Amosite
NSS-RC-TSI-17A, -17B, -17C	Elbow insulation associated with secondary heat exchanger (purple in color)	Primary Containment	Yes	Good	15%-Amosite
NSS-RC-TSI-18A, -18B, -18C	Straight run pipe insulation associated with primary heat exchanger system (24" in diameter and red in color)	Primary Containment	Yes	Good	40%-Amosite
NSS-RC-TSI-19A, -19B, -19C	Elbow pipe insulation associated with primary heat exchanger system (24" in diameter and red in color)	Primary Containment	Yes	Good	5%-Chrysotile and Amosite
NSS-RC-TSI-20A, -20B, -20C	Canvas wrap associated with fiberglass insulation	Primary and Secondary Containment	Yes	Good	30%-Chrysotile

Information presented is based upon observations made during an asbestos survey conducted by ERM on 4-15 April 2005.
"NAD" – No Asbestos Detected
(1) Only the general locations from which samples were obtained are included in this table. Material may also be located in other areas of the buildings (see Tables 1 and 2 of the survey report). Where possible, floor tile and drywall samples were taken in areas of pre-existing localized damage.
(2) A non-friable material can become friable if the condition of the material has significantly diminished or if its structural integrity has been compromised.

(3) The condition of a material reported herein is based upon observations made by an accredited inspector. The condition of floor tile mastics are assumed equal to that of the tile to which they are adhered.
(4) A material that contains greater than one percent asbestos is classified, and therefore must be managed as an ACM.

Note: All pipes are recorded as total diameter of the pipe and the associated insulation.

Table 1 Materials Classified as Non-ACMs Based on Sampling Results (4-15 April 2005) NS-Savannah – Fort Eustis, Virginia

Sample #	*Material Description*	*Material Location*
NSS-RC-TSI-1A, -1B, -1C	Straight run pipe insulation associated with electrical cord	Secondary Containment- Deck A Level

Information presented is based upon observations made during an asbestos survey conducted by ERM on 4-15 April 2005. Materials that contain one percent or less asbestos are classified as non-asbestos-containing materials (non-ACMs).

Note: All pipes are recorded as total diameter of the pipe and the associated insulation.

Table 2 Materials Classified as ACMs Based on Sampling Results (4-15 April 2005)
NS-Savannah – Fort Eustis, Virginia

Sample #	*Material Description*(1)	*Material Locations*	*% Asbestos*(2) *(Type)*	*Estimated Quantity*(3)
NSS-RC-TSI-2A, -2B, -2C	Straight run pipe insulation associated with UV tanks (12" diameter)	Secondary Containment	25% -Chrysotile and Amosite	100 linear feet
NSS-RC-TSI-3A, -3B, -3C	Elbow pipe insulation associated with UV tanks (12" diameter)	Secondary Containment	35%-Amosite	20 elbows
NSS-RC-TSI-4A, -4B, -4C	Straight run pipe insulation associated with 4" diameter pipes	Primary and Secondary Containment	20%-Chrysotile and Amosite	500 linear feet
NSS-RC-TSI-5A, -5B, -5C	Elbow pipe insulation associated with 4" diameter pipes	Primary and Secondary Containment	35%-Chrysotile and Amosite	50 elbows
NSS-RC-TSI-6A, -6B, -6C	Straight run pipe insulation associated with 2" diameter pipes	Primary and Secondary Containment	20%-Chrysotile and Amosite	500 linear feet
NSS-RC-TSI-7A, -7B, -7C	Elbow pipe insulation associated with 2" diameter pipes	Primary and Secondary Containment	25%-Chrysotile and Amosite	20 elbows
NSS-RC-TSI-8A, -8B, -8C	Straight run pipe insulation associated with 10" diameter pipes	Primary and Secondary Containment	20%-Chrysotile and Amosite	800 linear feet
NSS-RC-TSI-9A, -9B, -9C	Elbow pipe insulation associated with 10" diameter pipes	Primary and Secondary Containment	30%-Chrysotile and Amosite	70 elbows

Table 2 Materials Classified as ACMs Based on Sampling Results (4-15 April 2005)
NS-Savannah – Fort Eustis, Virginia (continued)

Sample #	*Material Description*(1)	*Material Locations*	*% Asbestos*(2) *(Type)*	*Estimated Quantity*(3)
NSS-RC-TSI-10A, -10B, -10C	Straight run pipe insulation associated with waste tanks	Lower Secondary Containment	25%-Chrysotile and Amosite	200 linear feet
NSS-RC-TSI-11A, -11B, -11C	Elbow pipe insulation associated with waste tanks	Lower Secondary Containment	45%-Chrysotile and Amosite	40 elbows
NSS-RC-TSI-12A, -12B, -12C	Insulation associated with the secondary heat exchanger (purple in color)	Primary Containment	25%-Chrysotile and Amosite	1600 square feet
NSS-RC-TSI-13A, -13B, -13C	Straight run pipe insulation associated with pressurizer system (red in color)	Primary Containment	40%-Amosite	150 linear feet
NSS-RC-TSI-14A, -14B, -14C	Elbows insulation associated with pressurizer system (red in color)	Primary Containment	15%-Chrysotile and Amosite	10 elbows
NSS-RC-TSI-15A, -15B, -15C	Insulation associated with pressurizer system tank (red in color)	Primary Containment	20%-Chrysotile and Amosite	1500 square feet
NSS-RC-TSI-16A, -16B, -16C	Straight run pipe insulation associated with secondary heat exchanger (purple in color)	Primary Containment	25%-Amosite	1,000 linear feet
NSS-RC-TSI-17A, 17B, -17C	Elbow insulation associated with secondary heat exchanger (purple in	Primary Containment	15%-Amosite	60 elbows

Table 2 Materials Classified as ACMs Based on Sampling Results (4-15 April 2005) NS-Savannah – Fort Eustis, Virginia (continued)

Sample #	*Material Description*(1)	*Material Locations*	*% Asbestos*(2) *(Type)*	*Estimated Quantity*(3)
	color)			
NSS-RC-TSI-18A, -18B, -18C	Straight run pipe insulation associated with primary heat exchanger system (24" in diameter and red in color)	Primary Containment	40%-Amosite	500 linear feet
NSS-RC-TSI-19A, -19B, -19C	Elbow pipe insulation associated with primary heat exchanger system (24" in diameter and red in color)	Primary Containment	5%-Chrysotile and Amosite	60 elbows
NSS-RC-TSI-20A, -20B, -20C	Canvas wrap associated with fiberglass insulation	Primary and Secondary Containment	30%-Chrysotile	2,000 linear feet

Materials that contain greater than one percent asbestos are classified as asbestos-containing materials (ACMs).
Information presented is based upon observations made during a building survey conducted by ERM from 4-15 April 2005.

(1) The friability and condition of ACMs are reported as observed on 4-15 April 2005. A non-friable ACM can become friable if the condition of the material has significantly diminished or if its structural integrity has been compromised.

(2) Asbestos–content determined by Polarized-light Microscopy (PLM) by AMA Analytical Services, Inc. of Lanham, Maryland.

(3) Quantities are presented as plus or minus 50 percent.

Note: All pipes are recorded as total diameter of the pipe and the associated insulation.

AMA Analytical Services, Inc.

CERTIFICATE OF ANALYSIS

NVLAP 101143-0
NY ELAP 10920
AIHA 100470

Client:	Environmental Resource Management, Inc.	Job Name:	NS - Savannah	Chain Of Custody:	136891
Address:	200 Harry S. Truman Drive, Suite 400	Job Location:	Not Provided	Date Analyzed:	4/26/2005
	Annapolis, Maryland 21401	Job Number:	0028178	Person Submitting:	Matt Baxter
		P.O. Number:	Not Provided		

Attention: Matt Baxter

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample #	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Color	Homogeneity	Analyst ID	Comments
0533813	NSS-RC-TSI-1A	NAD	--	--	--	--	--	--	70	--	--	30	Brown	Homogeneous	CK	
0533814	NSS-RC-TSI-1B	NAD	--	--	--	--	--	--	70	--	--	30	Brown	Homogeneous	CK	
0533815	NSS-RC-TSI-1C	NAD	--	--	--	--	--	--	70	--	--	30	Brown	Homogeneous	CK	
0533816	NSS-RC-TSI-2A	25	5	20	--	--	--	--	--	--	--	75	Off-White	Homogeneous	CK	
0533817	NSS-RC-TSI-2B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533818	NSS-RC-TSI-2C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533819	NSS-RC-TSI-3A	35	--	35	--	--	--	--	--	--	--	65	Gray	Homogeneous	CK	
0533820	NSS-RC-TSI-3B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533821	NSS-RC-TSI-3C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533822	NSS-RC-TSI-4A	20	5	15	--	--	--	--	--	--	--	80	Off-White	Homogeneous	CK	
0533823	NSS-RC-TSI-4B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533824	NSS-RC-TSI-4C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop

AMA Analytical Services, Inc.

CERTIFICATE OF ANALYSIS

NVLAP 101143-0
NY ELAP 10920
AIHA 100470

Client:	Environmental Resource Management, Inc.	Job Name:	NS - Savannah	Chain Of Custody:	136891
Address:	200 Harry S. Truman Drive, Suite 400	Job Location:	Not Provided	Date Analyzed:	4/26/2005
	Annapolis, Maryland 21401	Job Number:	0028178	Person Submitting:	Matt Baxter
		P.O. Number:	Not Provided		
Attention:	Matt Baxter				

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample #	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Color	Homogeneity	Analyst ID	Comments
0533825	NSS-RC-TSI-5A	35	30	5	--	--	--	--	--	--	--	65	Gray	Homogeneous	CK	
0533826	NSS-RC-TSI-5B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533827	NSS-RC-TSI-5C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533828	NSS-RC-TSI-6A	20	6	14	--	--	--	--	--	--	--	80	Off-White	Homogeneous	CK	
0533829	NSS-RC-TSI-6B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533830	NSS-RC-TSI-6C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533831	NSS-RC-TSI-7A	25	10	15	--	--	--	--	--	--	--	75	Off-White	Homogeneous	CK	
0533832	NSS-RC-TSI-7B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533833	NSS-RC-TSI-7C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533834	NSS-RC-TSI-8A	20	10	10	--	--	--	--	--	--	--	80	Gray	Homogeneous	CK	
0533835	NSS-RC-TSI-8B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533836	NSS-RC-TSI-8C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop

AMA Analytical Services, Inc.

CERTIFICATE OF ANALYSIS

NVLAP 101143-0
NY ELAP 10920
AIHA 100470

Client:	Environmental Resource Management, Inc.	Job Name:	NS - Savannah	Chain Of Custody:	136891
Address:	200 Harry S. Truman Drive, Suite 400	Job Location:	Not Provided	Date Analyzed:	4/26/2005
	Annapolis, Maryland 21401	Job Number:	0028178	Person Submitting:	Matt Baxter
		P.O. Number:	Not Provided		
Attention:	Matt Baxter				

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample #	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Color	Homogeneity	Analyst ID	Comments
0533837	NSS-RC-TSI-9A	35	30	3	2	--	--	--	--	--	--	65	Gray	Homogeneous	CK	
0533838	NSS-RC-TSI-9B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533839	NSS-RC-TSI-9C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533840	NSS-RC-TSI-10A	25	5	20	--	--	--	--	--	--	--	75	Off-White	Homogeneous	CK	
0533841	NSS-RC-TSI-10B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533842	NSS-RC-TSI-10C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533843	NSS-RC-TSI-11A	45	40	5	--	--	--	--	--	--	--	55	Gray	Homogeneous	CK	
0533844	NSS-RC-TSI-11B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533845	NSS-RC-TSI-11C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533846	NSS-RC-TSI-12A	25	15	10	--	--	35	--	--	--	--	40	Beige	Homogeneous	CK	
0533847	NSS-RC-TSI-12B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533848	NSS-RC-TSI-12C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop

AMA Analytical Services, Inc.

An Environmental Laboratory Accredited by NVLAP

CERTIFICATE OF ANALYSIS

NVLAP 101143-0
NY ELAP 10920
AIHA 100470

Client:	Environmental Resource Management, Inc	**Job Name:**	NS - Savannah	**Chain Of Custody:**	136891
Address:	200 Harry S. Truman Drive, Suite 400	**Job Location:**	Not Provided	**Date Analyzed:**	4/26/2005
	Annapolis, Maryland 21401	**Job Number:**	0028178	**Person Submitting:**	Matt Baxter
		P.O. Number:	Not Provided		

Attention: Matt Baxter

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample #	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Color	Homogeneity	Analyst ID	Comments
0533849	NSS-RC-TSI-13A	40	--	40	--	--	--	--	--	--	--	60	Gray	Homogeneous	CK	
0533850	NSS-RC-TSI-13B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533851	NSS-RC-TSI-13C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533852	NSS-RC-TSI-14A	15	3	12	--	--	5	--	--	--	--	80	Gray	Homogeneous	CK	
0533853	NSS-RC-TSI-14B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533854	NSS-RC-TSI-14C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533855	NSS-RC-TSI-15A	20	15	5	--	--	15	--	--	--	--	65	Gray	Homogeneous	CK	
0533856	NSS-RC-TSI-15B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533857	NSS-RC-TSI-15C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533858	NSS-RC-TSI-16A	25	--	25	--	--	--	--	--	--	--	75	Gray	Homogeneous	CK	
0533859	NSS-RC-TSI-16B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533860	NSS-RC-TSI-16C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop

AMA Analytical Services, Inc.

Environmental Indoor Air Quality Laboratory

CERTIFICATE OF ANALYSIS

NVLAP 101143-0
NY ELAP 10920
AIHA 100470

Client:	Environmental Resource Management, Inc.	**Job Name:**	NS - Savannah	**Chain Of Custody:**	136891
Address:	200 Harry S. Truman Drive, Suite 400	**Job Location:**	Not Provided	**Date Analyzed:**	4/26/2005
	Annapolis, Maryland 21401	**Job Number:**	0028178	**Person Submitting:**	Matt Baxter
		P.O. Number:	Not Provided		

Attention: Matt Baxter

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample #	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Color	Homogeneity	Analyst ID	Comments
0533861	NSS-RC-TSI-17A	15	--	15	--	--	--	--	--	--	--	85	Gray	Homogeneous	CK	
0533862	NSS-RC-TSI-17B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533863	NSS-RC-TSI-17C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533864	NSS-RC-TSI-18A	40	--	40	--	--	--	--	--	--	--	60	Gray	Homogeneous	CK	
0533865	NSS-RC-TSI-18B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533866	NSS-RC-TSI-18C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533867	NSS-RC-TSI-19A	5	3	2	--	--	55	--	--	--	--	40	Gray	Homogeneous	CK	
0533868	NSS-RC-TSI-19B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533869	NSS-RC-TSI-19C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533870	NSS-RC-TSI-20A	30	30	--	--	--	--	--	30	--	--	40	Off-White	Homogeneous	CK	
0533871	NSS-RC-TSI-20B	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop
0533872	NSS-RC-TSI-20C	--	--	--	--	--	--	--	--	--	--	--			CK	Sample Not Analyzed-Positive Stop

AMA Analytical Services, Inc.

A Specialized Environmental Laboratory

CERTIFICATE OF ANALYSIS

NVLAP 101143-0
NY ELAP 10920
AIHA 100470

Client:	Environmental Resource Management, Inc.	**Job Name:**	NS - Savannah	**Chain Of Custody:**	136891
Address:	200 Harry S. Truman Drive, Suite 400	**Job Location:**	Not Provided	**Date Analyzed:**	4/26/2005
	Annapolis, Maryland 21401	**Job Number:**	0028178	**Person Submitting:**	Matt Baxter
		P.O. Number:	Not Provided		

Attention: Matt Baxter

Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample #	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Color	Homogeneity	Analyst ID	Comments

The following footnotes only apply to those samples which the total asbestos result is flagged with a note number.

1 TEM RECOMMENDATION - Please note, due to resolution limitations with optical microscopy and/or interference from matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos. It is recommended that the additional analytical technique of TEM be used to check for asbestos fibers below the resolution limits of optical microscopy.

2 MATRIX REDUCTION RECOMMENDATION - Please note, due to interference from the matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos which is obscured from view. It is recommended that the additional preparation technique of gravimetric reduction be performed on this sample to minimize the obscuring effects of matrix components, followed by reanalysis by PLM and/or TEM.

Analysis Method - EPA/600/R-93/116 dated July 1993

NAD = "No Asbestos Detected" TR = "Trace equals less than 1% of this component"

Crystal Kellam

Field Data Sheets for Non-Radiation Areas

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Navigation Bridge Deck
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSS-NBD-FT-1A, -1B, -1C	Green ,9"x9" floor tile with white lines and associated mastics	Throughout Navigation Bridge Deck	Fair		x
NSS-NBD-MM-2A, -2B, -2C	White wall board with pinhole pattern	Navigation Bridge Deck-Gyro Radar Room	Good		x
NSS-NBD-TSI-3A, -3B, -3C	Straight run pipe insulation associated with piping above ceilings	Navigation Bridge Deck above ceiling	Good	x	
NSS-NBD-TSI-4A, -4B, -4C	Elbow pipe insulation associated with piping above ceiling	Navigation Bridge Deck above ceiling	Good	x	
NSS-NBD-MM-5A, -5B, -5C	White, drywall associated with walls (1' thickness)	Navigation Bridge Deck Staterooms	Good	x	
NSS-NBD-MM-6A, -6B, -6C	White, drywall associated with ceiling	Navigation Bridge Deck Staterooms	Good	x	
NSS-NBD-MM-7A, -7B, -7C	Brown mastic associated with baseboard molding	Throughout Navigation Bridge Deck	Good		x

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Navigation Bridge Deck
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSS-NBD-MM-8A, -8B, -8C	White sub-floor (baseboard)	Throughout Navigation Bridge Deck	Good	x	
NSS-NBD-TSI-9A, -9B, -9C	Straight run pipe insulation associated with generator	Navigation Bridge Deck-Generator Room	Good	x	
NSS-NBD-TSI-10A, -10B, -10C	Elbow pipe insulation associated with generator	Navigation Bridge Deck-Generator Room	Good	x	

Due to time limitations, physical samples were not taken of this deck. The materials that were observed are similar to materials that are located on other decks of the ship. The table identifies samples that ERM would have sampled had time permitted.

Note: All pipes are recorded as total diameter of the pipe and the associated insulation.

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Boat Deck
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSS-BoatDeck-FT-1A, -1B, -1C	Black 18"x18" floor tile with white specks and associated mastic	Boat Deck stairwell	Good		x
NSS-BoatDeck-MM-2A, -2B, -2C	White, drywall associated with the wall (1' thickness)	Boat Deck Cabins	Good	x	
NSS-BoatDeck-MM-3A, -3B, -3C	White, drywall associated with ceiling (1/2" thickness)	Boat Deck Staterooms	Good	x	
NSS-BoatDeck-MM-4A, -4B, -4C	White sub-floor (baseboard)	Throughout Boat Deck	Good		x
NSS-BoatDeck-FT-5A, -5B, -5C	Green, 9x9 floor tile with white lines and associated mastic	Throughout Boat Deck	Poor		x
NSS-BoatDeck-MM-6A, -6B, -6C	Brown mastic associated with baseboard molding	Throughout Boat Deck	Good		x
NSS-BoatDeck-TSI-7A, -7B, -7C	Straight run pipe insulation above ceiling	Boat Deck above ceiling	Good	x	

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Boat Deck
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSS-BoatDeck-TSI-8A, -8B, -8C	Elbow pipe insulation	Boat Deck above ceiling	Good	x	

Note: All pipes are recorded as total diameter of the pipe and the associated insulation.

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Promenade Deck
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSS-PromDeck-FT-1A, -1B, -1C	Dark green, 18" x18" floor tile with white lines and associated mastics	Promenade Deck-Veranda	Good		x
NSS-PromDeck-FT-2A, -2B, -2C	White, 18"x18" floor tile with white lines and associated mastics	Promenade Deck-Veranda	Good		x
NSS-PromDeck-MM-3A, -3B, -3C	Black sub-floor (baseboard)	Promenade Deck-Throughout floor	Good		x
NSS-PromDeck-MM-4A, -4B, -4C	White, 4'x4' ceiling panels with pinholes	Promenade Deck-Veranda and Main Lounge	Good		x
NSS-PromDeck-MM-5A, -5B, -5C	White drywall (1/2" thickness) associated with walls	Promenade Deck-Veranda	Good	x	
NSS-PromDeck-MM-6A, -6B, -6C	White drywall (1" thickness) associated with ceilings	Promenade Deck-Veranda	Good	x	
NSS-PromDeck-MM-7A, -7B, -7C	Brown mastic associated with baseboard molding	Promenade Deck-Veranda and Main Lounge	Good		x

Note: All pipes are recorded as total diameter of the pipe and the associated insulation.

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Deck A
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSSDeckA-FT-1A, -1B, -1C	Green, 9"x9" floor tile with white lines and associated mastic	Deck A- Throughout infirmary	Good		x
NSSDeckA-TSI-2A, -2B, -2C	Straight run pipe insulation	Deck A- Piping located above ceiling	Good	x	
NSSDeckA-TSI-3A, -3B, -3C	Elbow pipe insulation	Deck A- Piping located above ceiling	Good	x	
NSSDeckA-FT-4A, -4B, -4C	Brown, 9"x9" floor tile with white specks and associated mastic	Deck A-Throughout hallways adjacent to staterooms	Good		x
NSSDeckA-FT-5A, -5B, -5C	Black, 9"x9" floor tile with white specks and associated mastic	Deck A-Throughout hallways adjacent to staterooms	Good		x
NSSDeckA-FT-6A, -6B, -6C	Light brown, 9"x9" floor tile with white specks and associated mastic	Deck A-Throughout hallways adjacent to staterooms	Good		x
NSSDeckA-FT-7A, -7B, -7C	Tan, "9x9" floor tile with white brown specks and associated mastic	Deck A-Throughout hallways adjacent to staterooms	Good		x

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Deck A
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSSDeckA-MM-8A, -8B, -8C	White drywall (1/2" thickness) associated with ceilings	Deck A	Good	x	
NSSDeckA-MM-9A, -9B, -9C	White drywall (1" thickness) associated with walls	Deck A	Good	x	
NSSDeckA-FT-10A, -10B, -10C	White, 9"x9" floor tile and associated mastic	Deck A- Main Lobby	Good		x
NSSDeckA-FT-11A, -11B, -11C	Gray, 18"x18" floor tile and associated mastic	Deck A –Main Lobby	Good		x
NSSDeckA-FT-12A, -12B, -12C	Black, 9"x9" floor tile and associated mastic	Deck A- Main Lobby	Good		x
NSSDeckA-CT-13A, -13B, -13C	White, 2'x3' ceiling panel with pinholes	Deck A- Main Lobby	Good		x
NSSDeckA-MM14A, -14B, -14C	Black sub-floor (baseboard)	Deck A – Main Lobby and forward areas	Good		x

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Deck A
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSDeckA-FT-15A, -15B, -15C	Tan, 9"x9" floor tile and associated mastic	Deck A- Lab Assistant Office	Poor		x
NSSDeckA-FT-16A, -16B, -16C	Orange, 9"x9" floor tile and associated mastic	Deck A- Barber Shop	Good		x
NSSDeckA-FT-17A, -17B, -17C	Brown, 9" x9" floor tile with black and white specks and associated mastic	Deck A- Port and starboard side stairwells	Fair		x
NSSDeckA-FT-18A, -18B, -18C	Tan, 9" x9" floor tile with brown specks and associated mastic	Deck A- Port and starboard side stairwells	Fair		x
NSSDeckA-FT-19A, -19B, -19C	Tan, 9" x9" floor tile with brown specks and associated mastic	Deck A- Staterooms rear of Main Lobby and Pursers Office	Fair		x
NSSDeckA-MM-20A, -20B, -20C	Brown mastic associated with baseboard molding	Deck A	Good		x
NSSDeckA-MM-21A, -21B, -21C	White sub-floor (baseboard)	Deck A- Area rear of Main Lobby	Good	x	
NSSDeckA-FT-22A, -22B, -22C	Red, 9"x9" floor tile with white lines and associated mastic	Deck A- Forward port side stairwell	Good		x

Note: All pipes are recorded as total diameter of the pipe and the associated insulation.

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Deck B
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSS-B Deck-FT-1A, -1B, -1C	Blue, 9"x9" floor tile with white lines	Deck B- Dining Room	Fair		x
NSS-B Deck-Mastic-2A, -2B, -2C	Mastic associated with blue 9"x9" floor tile with white lines	Deck B-Dining Room	Fair		x
NSS-B Deck-FT-3A, -3B, -3C	White, 18" x18" floor tile	Deck B-Dining Room	Fair		x
NSS-B Deck-Mastic-4A, -4B, -4C	Mastic associated with 18" x18" floor tile	Deck B-Dining Room	Fair		x
NSS-B Deck-Mastic-5A, -5B, -5C	Brown mastic associated with baseboard molding	Deck B-Dining Room	Fair		x
NSS-B Deck- FT-6A, -6B, -6C	Light green, 9" x9" floor tile with white specks	Deck B- Stateroom hallway rear of Cargo Loading Passage	Fair		x
NSS-B Deck-Mastic-7A, -7B, -7C	Mastic associated with light green 9x9 floor tile with white specks	Deck B- Stateroom hallway rear of Cargo Loading Passage	Fair		x

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Deck B
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSS-B Deck-MM-8A, -8B, -8C	Brown mastic associated with stair treads	Deck-B Dining Room	Good		x
NSS-B Deck-Fiberboard-9A, -9B, -9C	White fiberboard padding beneath floor tile	Deck B- Area rear of Cargo Loading Passage	Fair	x	
NSS-B Deck-FT-10A, -10B, -10C	Dark green, 9" x9" floor tile with white lines	Deck B- Area rear of Cargo Loading Passage	Fair		x
NSS-B Deck-Mastic-11A, -11B, -11C	Mastic associated with 9" x9" floor tile with white lines	Deck B- Area rear of Cargo Loading Passage	Fair		x
NSS-B Deck-FT-12A, -12B, -12C	Gray, 9"x9" floor tiles with specks	Deck B- Throughout area forward of Cargo Loading Passage	Fair		x
NSS-B Deck-Mastic-13A, -13B, -13C	Mastic associated with gray 9" x9" floor tile with specks	Deck B- Throughout area forward of Cargo Loading Passage	Fair		x
NSS-B Deck-Subfloor-14A, -14B, -14C	Gray sub-floor (baseboard)	Deck B- Forward of Cargo Loading Passage	Fair		x

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Deck B
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSS-B Deck-MM-15A, -15B, -15C	White drywall (1/2" thickness) associated with ceiling	Deck B-Throughout staterooms and hallways	Fair	x	
NSS-B Deck-FT-16A, -16B, -16C	Tan, 9" x9" floor tile with brown lines and associated mastic	Deck B- Starboard side stateroom forward of the Cargo Loading Passage	Fair		x
NSS-B Deck-MM-17A, -17B, -17C	White, 18"x18" ceiling panels with pinholes	Deck B– Dining room and office rear of Cargo Loading Passage	Good		x
NSS-B Deck-TSI-18A, -18B, -18C	Straight run pipe insulation	Deck B– Piping that is located above ceiling	Good	x	
NSS-B Deck-TSI-19A, -19B, -19C	Elbow pipe insulation	Deck B– Piping that Is located above ceiling	Good	x	
NSS-B Deck-MM-20A, -20B, -20C	White drywall (1" thickness) associated with walls	Deck B – Throughout staterooms and hallways	Good	x	

Note: All pipes are recorded as total diameter of the pipe and the associated insulation.

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Deck C
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSSDeckC-FT-1A, -1B, -1C	Tan, 9"x9" floor tiles with white lines and associated mastics	Deck C-Staterooms	Good		x
NSSDeckC-MM-2A, -2B, -2C	White drywall (1/2" thickness) associated with state room ceiling	Deck C-Staterooms	Good	x	
NSSDeckC-MM-3A, -3B, -3C	White drywall (1" thickness) associated with state room walls	Deck C-Staterooms and Hallways	Good	x	
NSSDeckC-TSI-4A, -4B, -4C	Straight run pipe insulation associated with pipes above ceiling	Deck C	Good	x	
NSSDeckC-TSI-5A, -5B, -5C	Elbow pipe insulation associated with pipes above ceiling	Deck C	Good	x	
NSSDeckC-FT-6A, -6B, -6C	Brown, 9" x9" floor tile with black specks and associated mastic	Deck C- Hallways	Good		x
NSSDeckC-FT-7A, -7B, -7C	Tan, 9" x9" floor tile with black and white specks and associated mastic	Deck C- Hallways	Good		x

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Deck C
NSS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSSDeckC-TSI-8A, -8B, -8C	Straight run pipe insulation associated with piping	Deck C – Carpenters workshop	Good	x	
NSSDeckC-TSI-9A, -9B, -9C	Elbow pipe insulation associated with piping	Deck C- Carpenters workshop	Good	x	

Note: All pipes are recorded as total diameter of the pipe and the associated insulation.

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-14 Flat and Deck D
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSS14Flat-TSI-1A, -1B, -1C	Straight run pipe insulation associated with heating system	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-2A, -2B, -2C	Elbow pipe insulation associated with heating system drain	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-3A, -3B, -3C	Straight run pipe insulation associated with heating system drain	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-4A, -4B, -4C	Elbow pipe insulation associated with heating system drain	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-5A, -5B, -5C	Straight run pipe insulation associated with auxiliary exhaust	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-6A, -6B, -6C	Elbow pipe insulation associated with auxiliary exhaust	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-7A, -7B, -7C	Straight run pipe insulation associated with fire station 37 (4" diameter)	Deck 14 Flat-Engine Room	Good	x	

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-14 Flat and Deck D
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSS14Flat-TSI-8A, -8B, -8C	Elbow pipe insulation associated with fire station 37 (4" diameter)	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-9A, -9B, -9C	Insulation (body) associated with HP/LP crossover system (60" diameter)	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-10A, -10B, -10C	Insulation (body) associated with HP/LP crossover system (36" diameter)	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-11A, -11B, -11C	Elbow pipe insulation associated with HP/LP crossover system (36" diameter)	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-12A, -12B, -12C	Elbow pipe insulation associated with steam dump pipe (24" diameter)	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-13A, -13B, -13C	Straight run pipe insulation associated with steam dump pipe (24" diameter)	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-14A, -14B, -14C	Straight run pipe insulation (4" diameter)	Deck 14 Flat-Shaft Alley	Good	x	

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-14 Flat and Deck D
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSS14Flat-TSI-15A, -15B, -15C	Elbow pipe insulation (4" diameter)	Deck 14 Flat-Shaft Alley	Good	x	
NSS14Flat-TSI-16A, -16B, -16C	Straight run pipe insulation associated with main feed pump	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-17A, -17B, -17C	Elbow pipe insulation associated with main feed pump	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-18A, -18B, -18C	Insulation associated with first stage water heater (body)	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-19A, -19B, -19C	Straight run pipe insulation associated with solenoid valve	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-20A, -20B, -20C	Elbow pipe insulation associated with solenoid valve	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-21A, -21B, -21C	Straight run pipe insulation associated with shell coil system	Deck 14 Flat-Engine Room	Good	x	

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-14 Flat and Deck D
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSS14Flat-TSI-22A, -22B, -22C	Elbow pipe insulation associated with shell coil system	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-23A, -23B, -23C	Straight run pipe insulation associated with crossover drain	Deck 14 Flat-Engine Room	Good	x	
NSS14Flat-TSI-24A, -24B, -24C	Elbow pipe insulation associated with crossover drain	Deck 14 Flat-Engine Room	Fair	x	
NSSDeckD-FT-25A, -25B, -25C	White, 9"x9" floor tile and associated mastics	Deck D-Control Room	Good		x
NSSDeckD-FT-26A, -26B, -26C	Green, 9"x9" floor tile and associated mastics	Deck D-Control Room	Good		x
NSSDeckD-TSI-27A, -27B, -27C	Straight run pipe insulation associated with cooling system (green)	Deck D-Engine Room	Good	x	
NSSDeckD-TSI-28A, -28B, -28C	Elbow pipe insulation associated with cooling system (green)	Deck D-Engine Room	Good	x	

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-14 Flat and Deck D
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSSDeckD-TSI-29A, -29B, -29C	Insulation associated with cooling system tank (green)	Deck D-Engine Room	Poor	x	
NSSDeckD-TSI-30A, -30B, -30C	Straight run pipe insulation associated with diesel engine exhaust	Deck D-Engine Room	Good	x	
NSSDeckD-TSI-31A, -31B, -31C	Elbow pipe insulation associated with diesel engine exhaust	Deck D-Engine Room	Good	x	
NSSDeckD-MM-32A, -32B, -32C	Gaskets associated with boiler	Deck D-Engine Room	Good	x	
NSSDeckD-TSI-33A, -33B, -33C	Insulation associated with steam generator (pink)	Deck D-Engine Room	Good	x	
NSSDeckD-TSI-34A, -34B, -34C	Straight run pipe insulation associated with steam generator	Deck D-Engine Room	Good	x	
NSSDeckD-TSI-35A, -35B, -35C	Elbow pipe insulation associated with steam generator	Deck D-Engine Room	Good	x	

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-14 Flat and Deck D
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSSDeckD-TSI-36A, -36B, -36C	Straight run pipe insulation associated with compressors	Deck D-Engine Room	Good	x	
NSSDeckD-TSI-37A, -37, -37C	Elbow pipe insulation associated with compressors	Deck D-Engine Room	Good	x	
NSSDeckD-TSI-38A, -38B, -38C	Pipe insulation associated with boiler duct	Deck D-Engine Room	Good	x	
NSSDeckD-TSI-39A, -39B, -39C	Elbow pipe insulation associated with ADT pipe system (green)	Deck D-Engine Room	Good	x	
NSSDeckD-TSI-40A, -40B, -40C	Straight run pipe insulation associated with ADT pipe system (green)	Deck D-Engine Room	Poor	x	
NSSDeckD-TSI-41A, -41B, -41C	Straight run pipe insulation associated with steam valve system	Deck D-Engine Room	Fair	x	
NSSDeckD-TSI-42A, -42B, -42C	Straight run pipe insulation associated with engine (red)	Deck D-Engine Room	Good	x	

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-14 Flat and Deck D
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSSDeckD-TSI-43A, -43B, -43C	Elbow pipe insulation associated with engine (red)	Deck D-Engine Room	Good	x	
NSSDeckD-TSI-44A, -44B, -44C	Straight run pipe insulation associated with evaporators	Deck D-Engine Room	Good	x	
NSSDeckD-TSI-45A, -45B, -45C	Elbow pipe insulation associated with evaporators	Deck D-Engine Room	Good	x	
NSSDeckD-TSI-46A, -46B, -46C	Straight run pipe insulation associated with generators	Deck D-Engine Room	Fair	x	
NSSDeckD-TSI-47A, -47B, -47C	Elbow pipe insulation associated with generators	Deck D-Engine Room	Poor	x	
NSSDeckD-TSI-48A, -48B, -48C	Straight run pipe insulation associated with steam valves	Deck D-Engine Room	Good	x	
NSSDeckD-TSI-49A, -49B, -49C	Elbow pipe insulation associated with steam valves	Deck D-Engine Room	Fair	x	

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-14 Flat and Deck D
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSSDeckD-TSI-50A, -50B, -50C	Straight run pipe insulation associated with boiler water treatment system	Deck D-Engine Room	Fair	x	
NSSDeckD-TSI-51A, -51B, -51C	Insulation associated with vent to first stage heater (body)	Deck D-Engine Room	Good	x	
NSSDeckD-TSI-52A, -52B, -52C	Straight run pipe insulation associated with condensate line	Deck D-Engine Room	Good	x	
NSSDeckD-TSI-53A, -53B, -53C	Straight run pipe insulation associated with diesel engine exhaust (upper section)	Deck D-Engine Room	Good	x	
NSSDeckD-FT-54A, -54B, -54C	Tan, 9"x9" floor tile with black specks and associated mastic	Deck D- Food Storage Area	Poor		x
NSSDeckD-FT-55A, -55B, -55C	Brown 9" x9" floor tile with black and white specks and associated mastic	Deck D- Food Storage Area	Poor		x
NSSDeckD-TSI-56A, -56B, -56C	Straight run pipe insulation	Deck D-Food Storage Area	Good	x	
NSSDeckD-TSI-57A, -57B, -57C	Elbow pipe insulation	Deck D- Food Storage Area	Good	x	

Note: All pipes are recorded as total diameter of the pipe and the associated insulation.

Survey Conducted on 4-15 April 2005
Survey Conducted by: ERM

Asbestos Survey Field Data Sheet-Surface Deck
NS-Savannah
Fort Eustis, VA

Sample ID	Material Description	Location	Condition	Friable?	
				Yes	No
NSSSurfaceDeck-MM-1A, -1B, -1C	Black asphalt sealant associated with cargo hold doors	Surface Deck	Good		x