GLOBAL ASSOCIATES

NAVAL INACTIVE SHIPS • BLDG. 52, NAVAL BASE • PHILADELPHIA, PA 19112-5095 • TELEPHONE (215) 897-6753

An OWL Company

Date: 25 March 1996

From: Safety, Health & QA Manager

To: COTR - R. Drayton
Via: Project Manager

Subj: **RADIOLOGICAL DECONTAMINATION SURVEY ABOARD EX. SARATOGA CV-60**

Ref: (a) NAVSEADETPORTSINST 5090.1, Chapter 3
Encl: (1) Radiological Decontamination NISMF - Philadelphia Global Associates
(2) Radiological Decontamination NISMF-Portsmouth Global Associates
(3) Work Order

1. Subject surveys were performed on November 30,1995 through February 16,1996, in accordance with reference (a).

2. Enclosure (1) forwarded for your information and action.

3. Enclosure (2) work order provides authorization to perform survey.

Joseph W. Kennedy

Joseph W. Kennedy

Copy to: Maintenance
Walt Maguire no enclosures

# RADIOLOGICAL DECONTAMINATION ACTION

VESSEL NAME: EX. SARATOGA

VESSEL HULL #: CV-60

DATE OF SURVEY: NOVEMBER 30,1995 THRU FEBRUARY 16,1996

VESSEL STATUS; DISPOSAL

CUSTODIAN: NISMF - PHILADELPHIA

BERTHING LOCATION: PIER #4

MAN HOURS: 260.3

LABOR COST: $4,865.02

TRAVEL COST: 0

MATERIAL COST: $19.20

TOTAL COST: $4,884.22

RADIACS UTLIZED: LUDLUM MOD. 2,000 AND LUDLUM MOD. 3

TDL NUMBER: 014-002

RADIOLOGICAL DECONTAMINATION ACTION

DATE: February 17, 1996 PAGE 1 OF 7

HULL NUMBER: CV-60 CUSTODIAN: NISMF-PHILA TRAVEL COST: 0

SHIP NAME: EX. SARATOGA MAN HOURS: 260.3 MATERIAL COST: $ 19.20

VESSEL STATUS: DISPOSAL LABOR COST: $ 4,865.02 TDL NUMBER: 014-002

RADIACS: LUDLUM MOD. 2,000 AND LUDLUM MOD. 3

J. Kennedy, Safety, Health & QA Manager

SIGNATURE OF PERSON AUTHORIZED TO CERTIFY RADIOLOGICAL STATUS

| ITEM NUMBER | EQUIPMENT CHARACTERIZATION | EQUIPMENT NOMENCLATURE | QTY | LOCATION | CAT LEVEL | ALPHA SWIPES "BEFORE" ITEMS TAGED | ALPHA SWIPES "AFTER" DECONTA MINA-TION AFTER REMOVAL |
|---|---|---|---|---|---|---|---|
| 034 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 7-119-0-E | III | 2,000 CPM | 0 CPM |
| 035 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 5-97-2-E | III | >500,000 CPM | 0 CPM |
| 036 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 5-97-1-E | III | >500,000 CPM | 0 CPM |
| 037 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 4-132-1-E | III | 3,000 CPM | 0 CPM |
| 038 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 3-51-1-E | III | 110,000 CPM | 0 CPM |

HULL NUMBER: CV-60 SHIP NAME: EX. SARATOGA

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|---|---|---|---|---|---|---|---|
| 039 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 3-59-0-E | III | 3,500 CPM | 0 CPM |
| 040 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 2-62-1 | III | 2,000 CPM | 0 CPM |
| 041 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 2-59-01-L | III | 3,000 CPM | 0 CPM |
| 042 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 2-59-3-Q | III | >500,000 CPM | 0 CPM |
| 043 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 2-59-3-Q | III | 1,200 CPM | 0 CPM |
| 044 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 3-59-5-L | III | 2,000 CPM | 0 CPM |
| 045 | S/P PHONE JACK COVERR | RADIUM STRIP | 1 | 3-59-5-L | III | 200 CPM | 0 CPM |
| 046 | BUZZER SWITCH COVER | RADIUM STRIP | 1 | 2-69-0-L | III | 3,000 CPM | 0 CPM |
| 047 | S/P PHONE JACK BOX | CONTAMINATION | 1 | 3-52-1-L | III | 3,000 CPM | 0 CPM |
| 048 | BAG - BULKHEAD INSULATION/BLOCK | CONTAMINATION | 1 | 3-52-1-L | III | 3,000 CPM | 0 CPM |
| 049 | | RADIUM STRIP - CHIP | 1 | 3-52-1-L | III | 100,000 CPM | 0 CPM |
| 050 | BUZZEWR SWITCH BOX | CONTAMINATION | 1 | 4-49-0-M | III | 300 CPM | 0 CPM |
| 051 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 4-79-0-M | III | 15,000 CPM | 0 CPM |
| 052 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 4-79-0-M | III | 150,000 CPM | 0 CPM |

HULL NUMBER: CV-60 SHIP NAME: EX. SARATOGA

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|---|---|---|---|---|---|---|---|
| 053 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 5-79-0-M | III | 30,000 CPM | 0 CPM |
| 054 | BUZZER SWITCH COVER | RADIUM STRIP | 1 | 5-79-0-M | III | >500,000 CPM | 0 CPM |
| 055 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 3-84-6-Q | III | 1,000 CPM | 0 CPM |
| 056 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 3-92-1-Q | III | 80,000 CPM | 0 CPM |
| 057 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 4-132-1-E | III | 3,000 CPM | 0 CPM |
| 058 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 4-132-6-E | III | 3,500 CPM | 0 CPM |
| 059 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 4-141-1-E | III | 1,500 CPM | 0 CPM |
| 060 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 2-164-6-L | III | 1,000 CPM | 0 CPM |
| 061 | ROTARY SWITCH COVER | RADIUM STRIP | 1 | 2-167-1-L | III | 80,000 CPM | 0 CPM |
| 062 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 2-167-1-L | III | >50,000 CPM | 0 CPM |
| 063 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 3-167-1-E | III | >500,000 CPM | 0 CPM |
| 064 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 3-167-1-E | III | 15,000 CPM | 0 CPM |
| 065 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 3-167-1-E | III | 8,000 CPM | 0 CPM |
| 066 | BUZZER SWITCH COVER | RADIUM STRIP | 1 | 3-183-6-Q | III | 2,000 CPM | 0 CPM |

HULL NUMBER: CV-60 SHIP NAME: EX. SARATOGA

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| 067 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 3-192-0-L | III | 50,000 CPM | 0 CPM |
| 068 | BUZZER SWITCH COVER | RADIUM STRIP | 1 | 6-192-1-M | III | 1,500 CPM | 0 CPM |
| 069 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 5-192-0-M | III | 1,000 CPM | 0 CPM |
| 070 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 5-192-0-M | III | >500,000 CPM | 0 CPM |
| 071 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 7-192-0-M | III | 1,000 CPM | 0 CPM |
| 072 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 4-198-0-Q | III | >500,000 CPM | 0 CPM |
| 073 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 4-198-0-Q | III | >500,000 CPM | 0 CPM |
| 074 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 3-207-1-L | III | 3,000 CPM | 0 CPM |
| 075 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 1-89-1 HANGER BAY #1 | III | >500,000 CPM | 0 CPM |
| 076 | BUZZER SWITCH BOXES | CONTAMINATION | 2 | 1-74-1-Q | III | 2,000 CPM | 0 CPM |
| 077 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 1-239-2-Q | III | >500,000 CPM | 0 CPM |
| 078 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 2-244-4-Q | III | 3,000 CPM | 0 CPM |
| 079 | BUZZER SWITCH COVER | RADIUM STRIP | 1 | 1-12-0-A | III | 250 CPM | 0 CPM |
| 080 | S/P PHONE JACK COVER | RADIUM STRIP | 1 | 02-212-1-Q | III | 3,500 CPM | 0 CPM |

HULL NUMBER: CV-60 SHIP NAME: EX. SARATOGA

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|---|---|---|---|---|---|---|---|
| 081 | BARREL SWITCH | RADIUM STRIP | 1 | 02-132-2-C | III | >500,000 CPM | 0 CPM |
| 082 | BARREL SWITCH | RADIUM STRIP | 1 | 02-222-1-C | III | >500,000 CPM | 0 CPM |
| 083 | BARREL SWITCH | RADIUM STRIP | 1 | 02-84-1-C | III | >500,000 CPM | 0 CPM |
| 084 | BUZZER SWITCH | RADIUM STRIP | 1 | 02-H-0-Q | III | 400 CPM | 0 CPM |
| 085 | ELECT. CABLE BULKHEAD INSULATION | PAINT CONTAMINATION | 1 | 02-84-2 | III | 8,000 CPM | 0 CPM |
| 086 | ROTARY SWITCH COVER | RADIUM STRIP | 1 | 03-J-0-C | III | >500,000 CPM | 0 CPM |
| 087 | SPPJ COVER | RADIUM STRIP | 1 | 03-J-0-C | III | 3,000 CPM | 0 CPM |
| 088 | SPPJ COVER | RADIUM STRIP | 1 | 03-9-3-Q | III | >500,000 CPM | 0 CPM |
| 089 | PHONE DIAL | RADIUM NUMBERS | 1 | 03-19-0-C | III | 1,000 CPM | 0 CPM |
| 090 | SPPJ COVER | RADIUM STRIP | 1 | 03-29-0-L | III | 100,000 CPM | 0 CPM |
| 091 | SPPJ COVER | RADIUM STRIP | 1 | 03-39-0-L | III | 1,500 CPM | 0 CPM |
| 092 | SPPJ COVER | RADIUM STRIP | 1 | 03-39-1-L | III | 4,500 CPM | 0 CPM |
| 093 | SPPJ COVER | RADIUM STRIP | 1 | 03-49-2-Q | III | 6,000 CPM | 0 CPM |
| 094 | BUZZER SWITCH COVER | RADIUM STRIP | 1 | 03-99-4-L | III | >500,000 CPM | 0 CPM |

HULL NUMBER: CV-60 SHIP NAME: EX. SARATOGA

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| 095 | SPPJ COVER | RADIUM STRIP | 1 | 03-123-10-Q | III | >500,000 CPM | 0 CPM |
| 096 | SPPJ COVER | RADIUM STRIP | 1 | 03-72-1-L | III | 1,500 CPM | 0 CPM |
| 097 | SPPJ COVER | RADIUM STRIP | 1 | 03-74-7-Q | III | >500,000 CPM | 0 CPM |
| 098 | BUZZER SWITCH COVER | RADIUM STRIP | 1 | 03-74-7-Q | III | >500,000 CPM | 0 CPM |
| 099 | BUZZER SWITCH COVER | RADIUM STRIP | 1 | 03-74-7-Q | III | >500,000 CPM | 0 CPM |
| 100 | ELECT. CABLE BULKHEAD INSULATION | PAINT CONTAMINATION | 1 | 03-74-7-Q | III | 2,000 CPM | 0 CPM |
| 101 | PHONE DIAL | RADIUM NUMBERS | 1 | 03-114-2-C | III | 1,500 CPM | 0 CPM |
| 102 | PHONE DIAL | RADIUM NUMBERS | 1 | 03-104-0-C | III | 1,000 CPM | 0 CPM |
| 103 | PHONE DIAL | RADIUM NUMBERS | 1 | 03-104-0-C | III | 500 CPM | 0 CPM |
| 104 | SPPJ COVERR | RADIUM STRIP | 1 | 04-123-1-L | III | 1,500 CPM | 0 CPM |
| 105 | BARREL SWITCH COVER | RADIUM STRIP | 1 | 03-172-16-Q | III | >500,000 CPM | 0 CPM |
| 106 | BARREL SWITCH COVER | RADIUM STRIP | 1 | 03-158-10-Q | III | >500,000 CPM | 0 CPM |
| 107 | SPPJ COVER | RADIUM STRIP | 1 | 03-197-1-L | III | >500,000 CPM | 0 CPM |
| 108 | SPPJ COVER | RADIUM STRIP | 1 | 06-123-1-Q | III | 450,000 CPM | 0 CPM |

RADIOLOGICAL DECONTAMINATION ACTION



HULL NUMBER: CV-60 SHIP NAME: EX. SARATOGA

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|---|---|---|---|---|---|---|---|
| 109 | ROTARY SWITCH COVER | CONTAMINATION | 1 | 09-132-1-C | III | 42,000 CPM | 0 CPM |
| 110 | SPPJ COVER | RADIUM STRIP | 1 | 09-125-1-L | III | 1,800 CPM | 0 CPM |
| 111 | SPPJ COVER | RADIUM STRIP | 1 | 06-123-1-L | III | 20,000 CPM | 0 CPM |
| 112 | SPPJ COVER | RADIUM STRIP | 1 | 07-114-1-C | III | 1,000 CPM | 0 CPM |
| 113 | SPPJ COVER | RADIUM STRIP | 1 | 07-113-1-C | III | 800 CPM | 0 CPM |
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