NUREG/CR-4316

Evaluation of Nuclear Facility Decommissioning Projects

Status Report
Humboldt Bay Power Plant Unit 3
SAFSTOR Decommissioning

Prepared by B. L. Baumann, D. R. Haffner, R. L. Miller, K. S. Scotti

UNC Nuclear Industries

Prepared for
U.S. Nuclear Regulatory
Commission

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ABSTRACT

This document explains the purpose of the U. S. Nuclear Regulatory Commission's (NRC) Evaluation of Nuclear Facility Decommissioning Projects (ENFDP) program and summarizes information concerning the decommissioning of the Humboldt Bay Power Plant (HBPP) Unit 3 facility.

Preparations to put this facility into a custodial safe storage (SAFSTOR) mode are currently scheduled for completion by June 30, 1986. This report gives the status of activities as of June 1985. A final summary report will be issued after completion of this SAFSTOR decommissioning activity.

Information included in this status report has been collected from the facility decommissioning plan, environmental report, and other sources made available by the licensee. This data has been placed in a computerized data base system which permits data manipulation and summarization. A description of the computer reports that can be generated by the decommissioning data system (DDS) for Humboldt Bay and samples of those reports are included in this document.

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1.0 INTRODUCTION

1.1 Evaluation of Nuclear Facility Decommissioning Projects (ENFDP) Program

In 1981, the U. S. Nuclear Regulatory Commission (NRC) initiated a multi-year program to assess and evaluate the methods, radiation exposure and costs associated with the decommissioning of retired nuclear reactors. The program was originated under the auspices of the NRC Office of Nuclear Regulatory Research and is currently administered through its Division of Engineering Technology.

UNC Nuclear Industries (UNC) is responsible for the technical direction of the program and for preparation of documentation and summary comparisons of evaluated projects. See NUREG/CR-2522, "Evaluation of Nuclear Facility Decommissioning Projects" for a complete description of the Program Plan.

The purpose of this and subsequent status or summary reports is to provide the U. S. Nuclear Regulatory Commission (NRC) with data which will allow an assessment of man-hours expended, radioactive wastes generated (by type and volume), alternative methods of decommissioning and occupational doses incurred during decommissioning activities.

Licensees currently decommissioning reactor facilities or licensees who are planning such projects have been, or will be solicited for possible inclusion in the program. After collection of sufficient data, analyses of each project will be completed, then comparisons will be made between the actual methods, costs and exposure used by licensees and with data contained in reference decommissioning studies.

1.2 Decommissioning Data System (DDS)

Data is assembled in a form that permits input into a computerized decommissioning data system (DDS). A proprietary computer software package, MAPPER, provides a method for accumulation and manipulation of decommissioning performance information, to be used as a basis for comparison with similar facilities and NRC decommissioning NUREGs. MAPPER stands for Maintain, Prepare, and Produce Executive Reports. This system is used with the U. S. Department of Energy's (DOE) UNIVAC system at Richland, Washington.

The computer program provides decommissioning performance information such as:

Cost estimate accuracy
Schedule adherence
Project labor hours and costs
Exposure accountability, and
Radwaste generation and disposition

When sufficient decommissioning data have been obtained from an adequate number of facilities of any one type (BWR, PWR, Research), comparisons can be made between the experiences at the facilities and with NRC decommissioning NUREGS. The comparisons will be documented to facilitate the assessment of future nuclear facility decommissioning plans.

1.3 Facilities included in the DDS

Facilities currently included in the data system are:

Facility	Decommissioning Mode
Ames Laboratory Research Reactor	DECON
Elk River Reactor (BWR)	DECON
Enrico Fermi-1 Reactor (LMFBR)	SAFSTOR
Humboldt Bay Power Plant-Unit 3 (BWR)	SAFSTOR
North Carolina State University Research and Training Reactor	DECON
Plum Brook-1 Test Reactor	SAFSTOR
Reference BWR (NUREG/CR-0672)	DECON, SAFSTOR, ENTOMB
Reference PWR (NUREG/CR-0130)	DECON, SAFSTOR, ENTOMB
Reference Research Reactor and Reference Test Reactor (NUREG/CR-1756)	DECON, SAFSTOR, ENTOMB
Shippingport Atomic Power Station (PWR)	DECON
Three Mile Island-Unit 2 (extensive data on recovery activities)	

Summary reports for facilities listed above, if decommissioning activities have been completed, may be obtained from:

GPO Sales Program
Division of Technical Information and Document Control
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

1.4 Humboldt Bay Power Plant (HBPP) Unit 3

1.4.1 Purpose of Status Report

The purpose of this report is to provide the status of activities related to decommissioning of HBPP up to June 1985. A final summary report will be issued after completion of this SAFSTOR decommissioning activity.

1.4.2 General Facility Description

The HBPP Unit 3 is a General Electric natural circulation, single cycle boiling water reactor (BWR) rated at 65 MWe. Located four miles southwest of Eureka, California, the plant site also includes two fossil-fueled units and two gas turbine-powered mobile emergency power plants. The site plan is shown in Figure 1.

The reactor primary containment is located entirely below grade and consists of the drywell vessel, which houses the reactor, and a suppression chamber located concentrically around the drywell (see Figure 2). The drywell and suppression chamber are located inside a reinforced concrete caisson with a diameter of approximately 60 feet. The caisson extends to an inside depth of 78 feet (24 m) below grade. A caisson access shaft extends from the top of the caisson to the space below the drywell. The access shaft contains the reactor auxiliary systems.

The Refueling Building encloses the space above the caisson and contains the spent fuel storage pool and the new fuel storage vault (see Figure 3).

Liquid wastes are treated in the Radwaste Building located in an excavated portion of an earthen embankment northwest of the Refueling Building. The ventilation system handles air and gas exhausts which contain or could potentially contain radioactive contaminants. This system provides monitoring and isolation of lines going to the stack should permissible discharge rates be exceeded. Release to the atmosphere is through a 250 foot (76 m) stack.

The turbine located on the turbine pedestal adjacent to the Power Building is directly connected to the completely weather-proofed generator which is outside the building. During operation, steam from the turbine was condensed in a single-pass, horizontally divided water box, deaerating-type condenser. Cooling water for the condenser was supplied through an intake canal from Humboldt Bay and returned via discharge pipes and a canal.

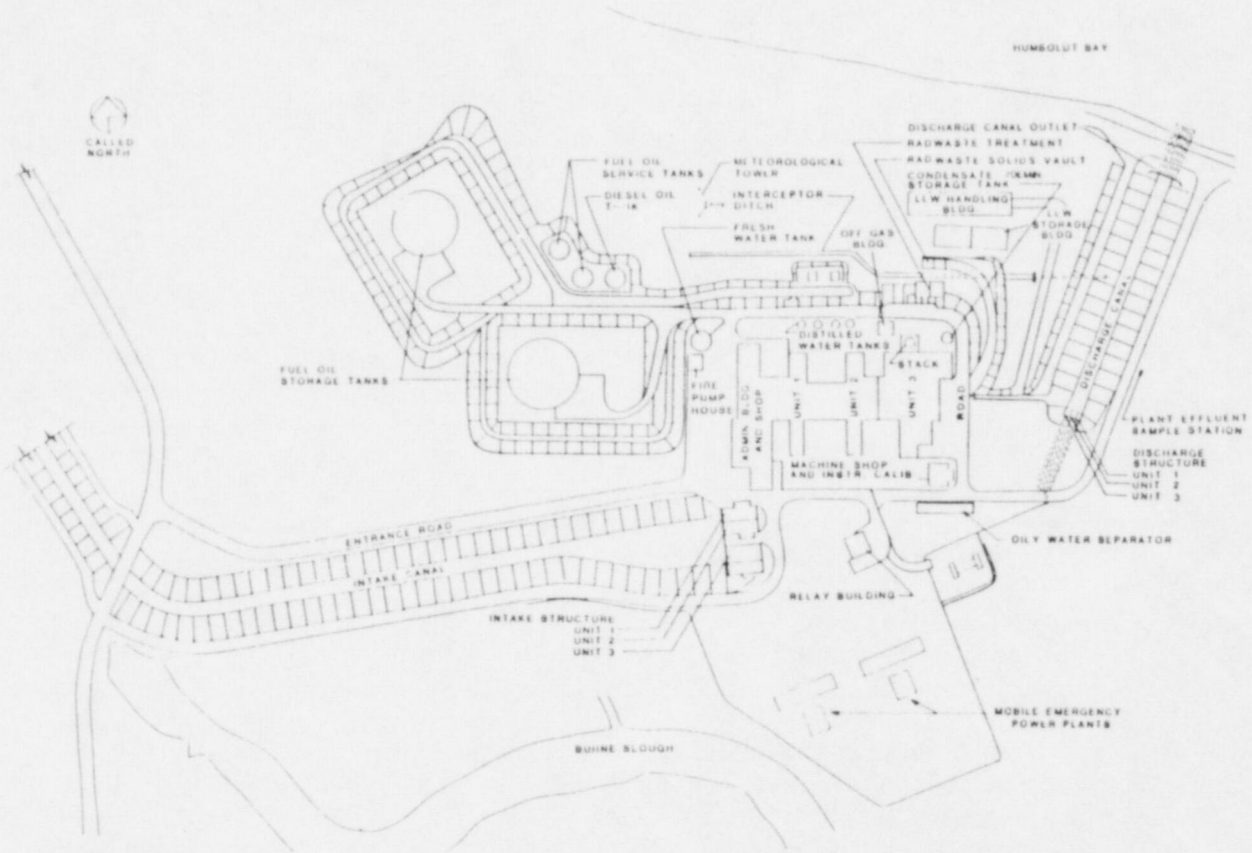

FIGURE 1. HBPP UNIT 3 SITE PLAN

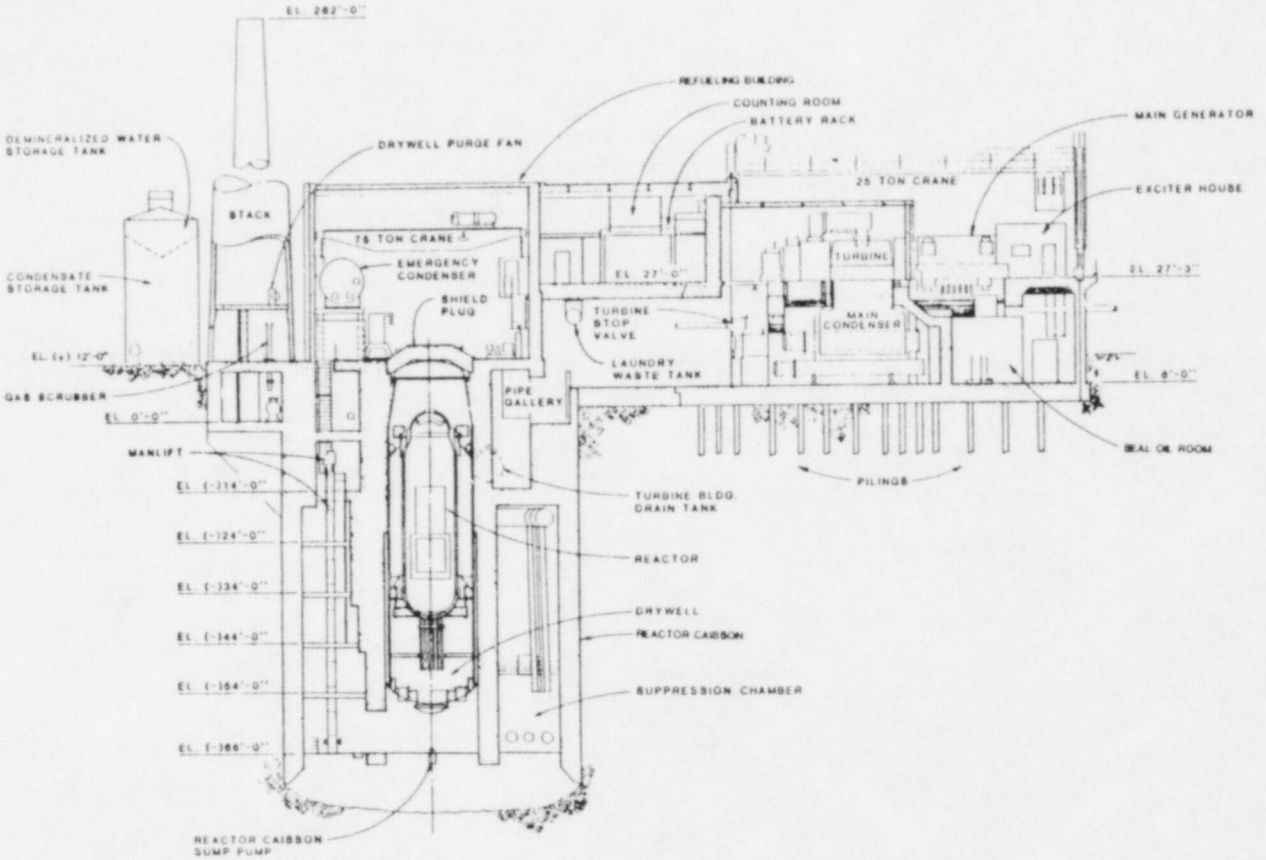

FIGURE 2. CROSS SECTION OF HBPP UNIT 3

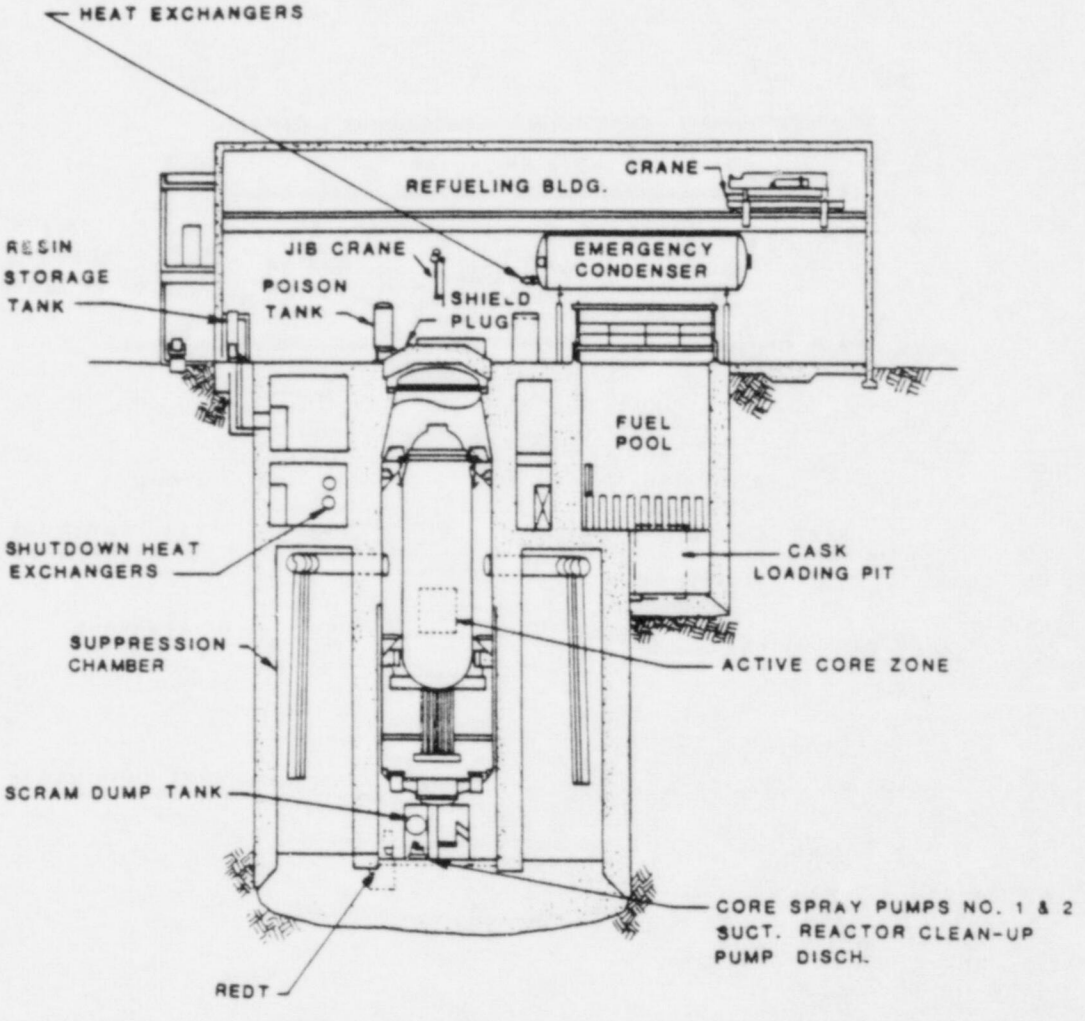

FIGURE 3. CROSS SECTION OF HBPP REACTOR PRIMARY CONTAINMENT

A Hot Machine Shop and Calibration Facility is located southeast of the Station Building. This facility is used to repair radioactively contaminated equipment and to calibrate health physics instrumentation.

1.4.3 Facility History

HBPP Unit 3 was granted a construction permit by the U. S. Atomic Energy Commission (AEC) on October 17, 1960, and construction began in November 1960. The reactor achieved initial criticality on February 16, 1963, and began commercial operation in August 1963. During the period from August 1963 to July 1976, HBPP Unit 3 generated more than 4.7 billion kilowatt hours of electricity and had a cumulative availability factor of 85.9 percent.

On July 2, 1976, the reactor was shut down for annual refueling and to conduct seismic modifications. Seismic and geologic studies were already in progress. In December 1980, it became apparent that the cost of completing required backfits might make it uneconomical to restart the unit. Work was suspended at that time. In 1983, updated economic analyses indicated that restarting would probably not be economical. In June 1983, the utility announced its intention to decommission the unit.

1.4.3.1 Significant Events

During the operation of HBPP Unit 3, certain events occurred that affected plant conditions and that must be considered during decommissioning. The following describes these events and how they relate to the decommissioning effort. None of these events caused conditions that would prevent the plant from being decommissioned with current technologies and work practices. Because of the lack of specific event dates, the following information has not been included in the first Significant Event Report contained in Section 3.3 of this status report.

Fuel Cladding Failures

In 1964 and 1965, the stainless steel-clad fuel began to fail. The cause of failure was determined to be stress corrosion cracking of the cladding. In 1965, the stainless steel-clad fuel was replaced with zircaloy-clad fuel.

The early fuel cladding failures resulted in contamination of the reactor vessel, spent fuel storage

pool and plant systems with fission products and transuranic nuclides. All stainless steel-clad fuel was shipped offsite during the years 1969 through 1971.

Spent Fuel Pool Leakage

In March 1966 a leak was discovered in the spent fuel storage pool liner. Operating procedures were developed to minimize leakage and investigations were conducted to determine the magnitude of any ground contamination. Samples of groundwater from the plant wells, the reactor caisson sump, and two of three test wells did not reveal any signs of contamination. One test well drilled north of the spent fuel storage pool did show contamination but the levels were a factor of 100 below allowable drinking water limits. The test wells have been monitored regularly since the time of the occurrence and surveillance results have indicated no increase in activity.

Spills and Contaminated Water

On several occasions during operation, radioactively contaminated liquids were spilled within the facility. The corrective action was to clean up the spill and either decontaminate the area or fix the contamination so that exposures required either for decommissioning or resulting from the contamination would be consistent with ALARA considerations.

During SAFSTOR, any residual contamination resulting from these spills will continue to be contained. Final decontamination of these areas to levels acceptable for unrestricted use will be accomplished as part of the final dismantlement program.

Dropped Fuel Assembly

In 1975, a fuel assembly was dropped into the spent fuel pool cask loading pit, and several fuel rods separated from the assembly. A special container was fabricated to contain the assembly. The assembly and the loose rods have been retrieved and stored in the container in the spent fuel storage pool fuel storage racks.

1.4.4 HBPP Decommissioning Plans

The alternatives that the NRC has defined for decommissioning (SAFSTOR, DECON, ENTOMB) include shipment of spent fuel offsite prior to an amendment to a possession-only license. Since there

are currently no facilities in the U. S. that receive spent fuel and since neither spent fuel reprocessing facilities, away-from-reactor storage facilities, nor geological repositories are operating or accepting uncontracted spent fuel, the utility has included spent fuel storage at HBPP within the definition of custodial SAFSTOR.

The NRC definition of custodial SAFSTOR is placement and maintenance of the facility in a state of protected surveilled storage. The facility may be left intact except that all fuel, radioactive fluids, and wastes would be removed from the site. The operating license would be amended to possession-only. Custodial SAFSTOR assumes that operations and security personnel will remain onsite to maintain and provide continual surveillance.

The utility plans to place HBPP into custodial SAFSTOR for a dormancy period of up to 30 years. The spent fuel assemblies will be stored onsite until a federal repository is operating and able to receive the spent fuel. The utility has executed and submitted a contract for the disposal of spent nuclear fuel to the U. S. Department of Energy (DOE) in accordance with the terms of the Nuclear Waste Policy Act of 1982.

The following sections describe the major activities that will be performed as part of the project to place HBPP into the custodial SAFSTOR mode.

1.4.4.1 Preparation for SAFSTOR

Systems and equipment not required by the HBPP Unit 3 operating license for the cold shutdown mode, and not required to support decommissioning activities were secured in preparation for the decommissioning. Preparations included unloading the reactor core; draining, flushing, and securing systems; de-energizing instruments and controls which are no longer required; and isolating non-operational systems from operational systems.

As a result of ALARA considerations during the performance of system layups and decontamination work, certain piping sections or components were removed. For systems that will remain secured for the SAFSTOR period, the piping and equipment was not removed. Open pipes were sealed to prevent contamination spread.

Also during the preparations for decommissioning, some radioactive wastes onsite were processed and shipped to licensed disposal facilities. These wastes were primarily radioactive wastes generated during the

operation of HBPP and stored onsite awaiting final disposal. Liquid wastes generated as a result of draining and flushing plant systems were processed by the radioactive waste treatment system.

1.4.4.2 System Layups

During SAFSTOR decommissioning, systems no longer required by the revised Technical Specifications will be secured and isolated. Systems that are required to support decommissioning activities, but will not be required during SAFSTOR, will be secured upon the completion of those activities. The objectives of the system layup are as follows:

- To drain systems containing fluids to the maximum extent practical.
- To remove or shield significant sources of radiation in areas that will be routinely accessible during SAFSTOR.
- To seal connections between secured systems and operating systems by either using blank flanges or by cutting and capping the lines. This prevents leakage from an operating system from refilling a system that has been drained.
- To de-energize motors, valves, instrumentation and other electrical components associated with secured systems.

2.0 DESCRIPTION OF COMPUTER REPORTS

The following are the basic reports used in the Decommissioning Data System (DDS). The descriptions, as presented, are intentionally idealized. In addition, the MAPPER computer program, used as the basis for the DDS, provides the ability to produce supplementary reports by manipulating the data available in the basic reports.

2.1 General Information

This is a free format input report designed to accommodate descriptive data of any kind. Entries may be given a title and related to any facility system by a system component number. Data are entered in any format on any subject. The report is used to record information that does not fit into any of the other report types organized by column. This report includes facility location, description, owners, operators, builders, etc. Summary data may also be included if it is not readily derivable from other reports or for convenient reference.

In the case of HBPP Unit 3, only brief summary information concerning total man-hours, man-rem, and costs is included. Additional summary information will be added when the preparation for SAFSTOR phase is completed.

2.2 Decommissioning Code Table/Index

This report lists unit items, including facility buildings, systems and system components, and budgetary items, with a corresponding identification number for each unit. The identification number is used throughout DDS to relate data to specifically identified units.

One of the basic values of this report is that, by using an index which can ultimately be made common to all reactor facilities included in the program, the report can become the intercomparison base for the DDS.

The HBPP Unit 3 is a small, natural recirculation BWR built in the early 1960s. The Decommissioning Code Table/Index is used to equate the plant systems in this facility to more current BWRs. The full utilization of this base will be possible when an adequate number of facilities are included in the DDS.

2.3 Significant Event Report

This report is used to record the facility's operating history. It contains dates, system/component numbers, and event descriptions. Noteworthy events such as construction completion, startup, shutdowns, significant incidents and accidents which could impact facility decommissioning are included.

2.4 Radionuclide Inventory

This report contains an inventory of radionuclides present in each facility system prior to the start o decommissioning. The inventory data covers: the amount of each radionuclide or its concentration; the date of measurement; a description of each system's material composition; and whether a radionuclide present in the system is the result of neutron activation or contamination.

The data in this radionuclide inventory report are based on Pacific Northwest Laboratory estimates made in a 1983 study. They reflect the effects of radioactive decay until July 1984, approximately eight years after shutdown. Detailed and lengthy sampling data reflecting the radionuclide concentration in plant structures, plant liquid wastes, sludges, and grab samples are also contained in the data base but are not included in this status report.

Table 1 shows that the bulk of the facility radionuclide inventory consists of activation products with Co-60 and Ni-63 accounting for

approximately 95 percent of the activation product inventory. The facility corrosion product inventory accounts for less than one percent of the total facility radionuclide inventory with Fe-55, Cs-137, and Co-60 being the main contributors.

TABLE 1

Humboldt Bay Unit 3
Radionuclide Inventory (June 1984)

	Corrosion Products (Ci)	Activation Products (Ci)
Am 241	0.012	
Co 60	12.0	7094.0
Cs 134	0.083	
Cs 137	2.1	
Fe 55	63.4	485.7
Mn 54	0.03	
Ni 63	1.5	3384.0
Pu 238	0.0073	
Pu 239	0.0061	
Sr 90	0.036	
Other		41.1
Total	79.3	11004.8

2.5 Project Cost/Exposure Report

This report lists costs, schedules, man-hours, and man-rem (both estimated and actual) for each activity specification number. These costs may be broken out on lines having a subactivity specification number. This is the main repository of cost and exposure information for a decommissioning project.

The data in this report comes from two different sources. Actual reported data-to-date covers only radiation exposure data as taken from the HBPP year-end ALARA meetings. Actual costs and man-hour data are expected to be available at the end of the preparations for SAFSTOR. Estimated man-hour cost and exposure data for the preparations for SAFSTOR and for ultimate dismantlement (DECON), beginning in the year 2015, are derived from the Environmental Report for the Decommissioning of Humboldt Bay Power Plant Unit 3.

The description of work for ALARA dose accounting, which gives the actual man-rem for performed work, is different from the work description used in developing cost and man-hour estimates. The description of work for ALARA dose accounting usually contains more

detail than a general work breakdown structure. In the final report it may be possible to group these detailed ALARA work activities under their more general work breakdown structure and compare estimated versus actual exposure.

2.6 Dose Rate and Contamination Report

This report records dose rates throughout each facility prior to decommissioning. Locations relative to a reference map, elevation, system/component number, and type of measurement are recorded for each measurement. Both upper and lower limits of dose rates and contamination levels (in disintegrations per minute) are listed.

Contamination and dose rate data for HBPP Unit 3 were taken from a "SAFSTOR Planning Radiation/Contamination Evaluation" dated January 1984. The format for this computer report includes provisions for referencing a facility map. Such a mapping is not included in this status report but will be included in the summary report to be issued at the completion of preparations for SAFSTOR.

2.7 Project Labor Report

This report records decommissioning labor costs, exposure, and man-weeks for each activity specification at a to-be-determined frequency. This supplements the project cost/exposure report by providing data on costs and exposure accumulation over the course of a decommissioning project.

Actual exposures received by craft for calendar year 1983 are included in this report even though this predates the actual beginning of preparations for SAFSTOR. The estimates in this report were taken from licensee-provided information that estimated the costs and labor required to accomplish the work tasks necessary to put the facility into a custodial SAFSTOR condition. The original estimates anticipate that the work will be accomplished in the 1984 and 1985 calendar years and will require approximately 2,264 man-weeks of effort. The estimated costs is $4.6 million for plant staff.

2.8 ALARA Reports

This report contains records of ALARA efforts by system/component number. The affected system, cost items, exposure information, and a description of the ALARA effort are listed.

2.9 Shipment Report

This report records volumes, weights, and other physical data by waste type for material produced by each activity specification. These data are listed for each shipment of material from the decommissioning site. Trip lengths and vehicle dose rates are recorded in order to calculate public exposure.

The Humboldt Bay Power Plant Unit 3 Waste Shipment Report contains information for shipments made from the site in preparation for a custodial SAFSTOR mode of decommissioning.

Table 2, Waste Shipment Summary, lists the number of shipments, volume, weight, number of containers and activity.

Four shipments were made in 1983 and three shipments were made in 1984. Three of the 1983 shipments consisted of control rods, followers, and poison curtains. These three shipments contained greater than 99.9 percent of the activity shipped to the end of calendar year 1984 but only about 7 percent of the total volume or weight.

The remaining four shipments (1 in 1983, 3 in 1984) consisted of trash and dilute liquids in absorbent media with very low activity.

TABLE 2

WASTE SHIPMENT SUMMARY

	1983	1984	Total End of CY 1984
Number of Shipments	4	3	7
Radwaste Volume, cubic feet	982.5	2,315.0	3,297.5
Radwaste Weight, pounds	45,574	106,416	151,990
Number of Containers	55	125	180
Activity, curies	17,382	7.3	17,390

Waste shipment data for 1985 will be included in the final report of HBPP Unit 3 decommissioning activities.

2.10 Disposal Cost Report

This report contains costs associated with each waste disposal shipment. Costs are divided into transportation, burial, and container categories. Costs for each container type in the shipment are also listed.

2.11 Surveillance Report

The surveillance report is used to record annual costs and exposures associated with long-term surveillance of a decommissioned facility. Under normal conditions, a surveillance report is not included for a facility decommissioned under the DECON mode.

The HBPP Unit 3 Surveillance Report lists exposure accumulated during calendar year 1983, just prior to the start of activities to prepare the reactor for custodial SAFSTOR. The report also lists the estimated exposure and labor requirements for 30 years of SAFSTOR for the facility. Facility exposure estimates cover the total accumulated exposure for the entire 30-year period.

Since dose rates and exposures decrease with time due to the decay of the radionuclides within the facility, it is not possible to reduce this 30-year integrated exposure data to reflect the annual exposure. SAFSTOR activities for a 30-year period are anticipated to require about 89.6 man-rem of exposure and about 461,000 man-hours of effort.

Humboldt Bay Power Plant Unit 3 shares the site with two other fossil fuel units and some personnel will be able to divide their time between HBPP Unit 3 surveillance and maintenance and work done at other onsite facilities.

2.12 Public Dose Report

The exposure of the public to radiation which results from the decommissioning of nuclear facilities is one criterion which is considered during the predecommissioning evaluation phase.

This report contains an estimate of such exposure information, based on extrapolation of measurement data and numerous assumptions covering both routine and nonroutine (accident) conditions.

The HBPP Unit 3 report includes exposure resulting from shipment of low and high level wastes associated with delayed dismantlement as well as for waste shipments generated during custodial SAFSTOR.

2.13 Acronyms and Abbreviations

This report lists acronyms and abbreviations used in the body of other DDS reports. Acronyms and abbreviations are listed in alphabetical order. This report also contains information showing in which data base fields specific acronyms and abbreviations are used.

3.0 COMPUTER REPORTS

3.1 General Information Report

This report contains facility location, description, owners, operators, builders, and designers.

PAGE NO. 1
HUMBOLDT UNC: DDS - GENERAL INFORMATION M 192 C
*FAC
*COD
*=== ==========

HB2 DESCRIPTION

NAME:	HUMBOLDT BAY-3	STARTUP DATE:	AUGUST 1963
LOCATION:	EUREKA, CA	SHUTDOWN DATE:	JULY 1976
OWNER:	PACIFIC GAS & ELECTRIC	MEGAWATTS (THERMAL):	242 MWT
OPERATOR:	PACIFIC GAS & ELECTRIC	MEGAWATTS (ELECTRIC):	65 MWE
ARCH /ENGINEER:	BECHTEL	MAJOR SHUTDOWNS:	
BUILDER:	BECHTEL	DECOMMISSIONING MODE:	SAFE STORAGE
NSSS:	GENERAL ELECTRIC		

OPERATING HISTORY

HB2
HB2 REFERENCES

REPORTS:

'RESIDUAL RADIONUCLIDE DISTRIBUTION AND INVENTORY AT THE HUMBOLDT BAY NUCLEAR PLANT', K. H. ABEL, ET AL, PACIFIC NORTHWEST LABORATORY, JANUARY 1983, PNL-4628

'DECOMMISSIONING & DECONTAMINATION STUDY - HUMBOLDT BAY UNIT NO. 3', GIBBS & HILL, INC. AND NUCLEAR ENERGY SERVICES, MARCH 1982

'ENVIRONMENTAL REPORT FOR THE DECOMMISSIONING OF HUMBOLDT BAY POWER PLANT UNIT NO. 3,'B.S.AUSMUS, ET AL BECHTEL NATIONAL INC., JULY 1984

'HUMBOLDT BAY POWER PLANT UNIT 3 SAFSTOR DECOMMISSIONING' PACIFIC GAS AND ELECTRIC CO. JULY 1984

	ESTIMATED MAN-HOURS	ESTIMATED EXPOSURE (MAN-REM)	ESTIMATED COST $
PREPARATIONS FOR SAFSTOR	9.E3	DNA	11.3E6
30 YEAR SAFSTOR	4.6E5	89.6	DNA
DELAYED DECON	8.3E4	73.35	DNA

ADDITIONAL DECOMMISSIONING INFORMATION TO BE SUPPLIED AS THE PROJECT PROGRESSES

.... END REPORT ....

3.0 COMPUTER REPORTS

3.2 Decommissioning Code Table/Index

Decommissioning activities are identified by major plant location, system, component, and activity specification. The code index is used throughout the other applicable data reports to provide a convenient means of identifying specific items and activities.

PAGE NO 1
HUMBOLDT UNC DDS - DECOMM CODE TABLE/INDEX M 192 B

*FAC *COD	FACILITY SYSTEM/COMPONENT	SYS/COMP NUMBER	DESCRIPTION
HB2			
HB2		XX	ACTIVITY SPECIFICATION CODE OR LABOR CATEGORY CODE
*HB2			
HB2		XX--	MINOR SYSTEM OR COMPONENT
HB2		XX----	MAJOR COMPONENT OR SUB-SYSTEM
HB2		XX------	MAJOR SYSTEM OR LOCATION
HB2		01------	NUCLEAR STEAM SUPPLY SYSTEM (NSSS)
HB2		0101----	REACTOR VESSEL
HB2		010101--	CORE SHROUD
HB2		010102--	SHROUD SUPPORT PLATE
HB2		010103--	CORE SUPPORT PLATE
HB2		010104--	TOP FUEL GUIDE
HB2		010105--	CONTROL ROD GUIDE TUBE
HB2		010106--	JET PUMPS
HB2		010107--	SHROUD HEAD AND STEAM SEPARATOR ASSEMBLY
HB2		010108--	STEAM DRYER ASSEMBLY
HB2		010109--	FEED WATER SPARGERS
HB2		010110--	CORE SPRAY SPARGERS
HB2		010111--	CORE SPRAY LINES
HB2		010112--	TOP HEAD COOLING SPRAY NOZZLE
HB2		010113--	DIFFERENTIAL PRESSURE AND LIQUID CONTROL LINE
HB2		010114--	IN-CORE FLUX MONITOR GUIDE TUBE
HB2		010115--	STARTUP NEUTRON SOURCES
HB2		010116--	SACRIFICIAL SHIELD
HB2		010117--	DRYWELL
HB2		010118--	REACTOR PEDESTAL
HB2		010119--	JET PUMP RISERS
HB2		010120--	FUEL ELEMENTS
HB2		010121--	SHIELD PLUG
HB2		010122--	BIOLOGICAL SHIELD
HB2		02------	REACTOR WATER RECIRCULATION (RWR) SYSTEM
HB2		0201----	RWR PUMP
HB2		0202----	FLOW CONTROL VALVE
HB2		0203----	DISCHARGE SHUTOFF VALVE
HB2		0204----	CARBON STEEL PIPING AND VALVES
HB2		0205----	STAINLESS STEEL PIPING AND VALVES
HB2		0206----	RWR PIPING
HB2		03------	MAIN STEAM SYSTEM
HB2		0301----	STEAM AND CONDENSATE RETURN PIPING
HB2		0302----	CONDENSATE RETURN PUMP
HB2		0303----	ISOLATION VALVE (MSIV)
HB2		0304----	REACTOR BUILDING CONDENSATE SUPPLY PUMP
HB2		0305----	RADWASTE BUILDING CONDENSATE SUPPLY PUMP
HB2		0306----	CONDENSATE F/D BACKWASH PUMP
HB2		0307----	RELIEF VALVE
HB2		0308----	MAIN STEAM TUNNEL
HB2		0309----	MAIN STEAM LINE
HB2		0310----	MAIN STEAM PIPING AND VALVES
HB2		04------	REACTOR CORE ISOLATION COOLING (RCIC) SYSTEM
HB2		0401----	RCIC PUMP

PAGE NO. 2
HUMBOLDT UNC DDS - DECOMM CODE TABLE/INDEX M 192 B

*FAC *COD	FACILITY SYSTEM/COMPONENT	SYS/COMP NUMBER	DESCRIPTION
HB2		0402----	RCIC WATER LEG PUMP
HB2		0403----	RCIC VACUUM TANK
HB2		0404----	RCIC CONDENSER PUMP
HB2		0405----	RCIC VACUUM PUMP
HB2		0406----	RCIC BAROMETRIC CONDENSER
HB2		0407----	RCIC CARBON STEEL PIPING AND VALVES
HB2		05------	MSIV LEAKAGE CONTROL (MSLC) SYSTEM
HB2		0501----	MSLC EXHAUST FANS
HB2		0502----	MSLC CARBON STEEL PIPING AND VALVES
HB2		06------	REACTOR WATER CLEANUP (RWCU) SYSTEM
HB2		0601----	RWCU RECIRCULATION PUMP
HB2		0602----	RWCU NON-REGENERATIVE HEAT EXCHANGER
HB2		0603----	RWCU REGENERATIVE HEAT EXCHANGER
HB2		0604----	RWCU CARBON STEEL PIPING AND VALVES
HB2		0605----	RWCU DRAIN
HB2		0606----	RWCU STAINLESS STEEL PIPING AND VALVES
HB2		0607----	RWCU DEMINERALIZER
HB2		07------	RESIDUAL HEAT REMOVAL (RHR) SYSTEM
HB2		0701----	RHR PUMP
HB2		0702----	RHR WATER LEG PUMP
HB2		0703----	RHR HEAT EXCHANGER
HB2		0704----	CARBON STEEL PIPING AND VALVES
HB2		0705----	STAINLESS STEEL PIPING AND VALVES
HB2		0706----	RHR PUMP PIPING
HB2		0707----	RHR HEAT EXCHANGER PIPING
HB2		08------	EMERGENCY CORE COOLING SYSTEM (ECCS)
HB2		0801----	HIGH-PRESSURE CORE SPRAY(HPCS)PUMP
HB2		0802----	HPCS WATER LEG PUMP
HB2		0803----	HPCS CARBON STEEL PIPING AND VALVES
HB2		0804----	LOW-PRESSURE CORE SPRAY (LPCS) PUMP
HB2		0805----	LPCS WATER LEG PUMP
HB2		0806----	LPCS CARBON STEEL PIPING AND VALVES
HB2		0807----	SUPPRESSION POOL COOLER
HB2		0808----	POISON TANK (HPCF SYSTEM)
HB2		0809----	HPCF SYSTEM
HB2		09------	REACTOR BUILDING CLOSED COOLING (RBCC) SYSTEM
HB2		0901----	RBCC WATER PUMP
HB2		0902----	RBCC WATER HEAT EXCHANGER
HB2		0903----	RBCC WATER SURGE TANK
HB2		0904----	RBCC WATER STORAGE TANK
HB2		0905----	RBCC CARBON STEEL PIPING AND VALVES
HB2		10------	CONTROL ROD DRIVE (CRD) SYSTEM
HB2		1001----	CRD PUMP SUCTION FILTER
HB2		1002----	CRD PUMP
HB2		1003----	CRD PUMP FILTER
HB2		1004----	CRD MODULE
HB2		1005----	CONTROL ROD DRIVE
HB2		1006----	CRD REMOVAL PLATFORM
HB2		1007----	CONTROL ROD
HB2		1008----	CARBON STEEL PIPES AND VALVES

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HUMBOLDT UNC DDS - DECOMM CODE TABLE/INDEX M '92 B

*FAC *COD	FACILITY SYSTEM/COMPONENT	SYS/COMP NUMBER	DESCRIPTION
HB2		1009----	STAINLESS STEEL PIPES AND VALVES
HB2		1010----	CRD PUMP PIPING
HB2		1011----	ACCUMULATORS
HB2		1012----	ACCUMULATOR PIPING
HB2		11------	CONTAINMENT ATMOSPHERE CONTROL
HB2		1101----	HYDROGEN RECOMBINER
HB2		1102----	CARBON STEEL PIPES AND VALVES
HB2		12------	REACTOR REFUELING SYSTEM
HB2		1201----	REFUELING PLATFORM
HB2		1202----	SERVICE PLATFORM
HB2		13------	REACTOR BUILDING POOLS
HB2		1301----	FUEL POOL COOLING AND CLEANUP SYSTEM
HB2		130101--	FUEL STORAGE POOL
HB2		130102--	FUEL POOL CIRCULATION PUMP
HB2		130103--	FUEL POOL HEAT EXCHANGER
HB2		130104--	SKIMMER SURGE TANK
HB2		130105--	FUEL POOL PRECOAT TANK
HB2		130106--	FUEL POOL FILTER DEMINERALIZER
HB2		130107--	CARBON STEEL PIPING AND VALVES
HB2		130108--	STAINLESS STEEL PIPING AND VALVES
HB2		130109--	FUEL POOL COOLERS
HB2		130110--	CHANNEL STRIPPING MACHINE
HB2		130111--	NEW FUEL STORAGE AREA
HB2		1302----	SUPPRESSION POOL
HB2		130201--	SUPPRESSION POOL CLEANUP PUMP
HB2		1303----	DRYER AND SEPARATOR STORAGE POOL
HB2		14------	REACTOR CONTAMINATED WASTE DRAIN SYSTEMS
HB2		140101--	EQUIPMENT DRAIN HEAT EXCHANGER
HB2		140102--	EQUIPMENT DRAIN SUMP PUMP
HB2		140103--	EQUIPMENT DRAIN SUMP
HB2		1402----	FLOOR DRAIN SYSTEM
HB2		140201--	FLOOR DRAIN SUMP PUMP
HB2		140202--	FLOOR DRAIN SUMP
HB2		1403----	RADWASTE BUILDING CONDENSATE SUPPLY SYSTEM
HB2		140301--	RADWASTE BUILDING CONDENSATE SUPPLY PUMP
HB2		15------	REACTOR BUILDING CLOSED COOLING (RBCC) SYSTEM
HB2		1501----	RBCC WATER PUMP
HB2		1502----	RBCC WATER HEAT EXCHANGER
HB2		16------	TRAVERSING IN-CORE PROBE(TIP) SYSTEM
HB2		1601----	TIP DRIVE MECHANISM
HB2		1602----	TIP SHIELDS
HB2		17------	CONDENSATE SYSTEM (NUCLEAR STEAM)
HB2		1701----	CONDENSATE PUMP
HB2		1702----	CONDENSATE PUMP PIPING
HB2		1703----	CONDENSATE BOOSTER PUMP
HB2		1704----	STEAM JET AIR EJECTOR
HB2		1705----	STEAM JET AIR EJECTOR CONDENSER
HB2		1706----	GLAND SEAL STEAM CONDENSER
HB2		1707----	CONDENSATE STORAGE TANK
HB2		1708----	LOW-PRESSURE FEEDWATER HEATER

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HUMBOLDT UNC DDS - DECOMM CODE TABLE/INDEX M 192 B

*FAC *COD	FACILITY SYSTEM/COMPONENT	SYS/COMP NUMBER	DESCRIPTION
HB2		1709----	HIGH-PRESSURE FEEDWATER HEATER
HB2		1710----	CARBON STEEL PIPING AND VALVES
HB2		1711----	STAINLESS STEEL PIPING AND VALVES
HB2		1712----	CONDENSATE BOOSTER PUMP PIPING
HB2		1713----	DEMINERALIZER
HB2		18------	CONDENSER OFF-GAS TREATMENT SYSTEM
HB2		1801----	CATALYTIC RECOMBINER
HB2		1802----	OFF-GAS CONDENSER
HB2		1803----	OFF-GAS WATER SEPARATOR
HB2		1804----	ALUMINUM PIPING AND VALVES
HB2		1805----	CATALYTIC RECOMBINER PIPING
HB2		19------	EQUIPMENT DRAIN SYSTEM (RADIOACTIVE)
HB2		1901----	EQUIPMENT DRAIN SUMPS
HB2		1902----	CARBON STEEL PIPING AND VALVES
HB2		1903----	STAINLESS STEEL PIPING AND VALVES
HB2		20------	FLOOR DRAIN SYSTEM (RADIOACTIVE)
HB2		2001----	FLOOR DRAIN SUMP PUMP
HB2		2002----	CARBON STEEL PIPING AND VALVES
HB2		21------	HEATER DRAIN SYSTEM
HB2		2101----	EVAPORATOR DRAIN TANK
HB2		2102----	REHEATER DRAIN TANK
HB2		2103----	MOISTURE SEPARATOR REHEATER
HB2		2104----	MOISTURE SEPARATOR DRAIN TANK
HB2		2105----	CARBON STEEL PIPING AND VALVES
HB2		22------	MAIN STEAM SYSTEM
HB2		2201----	STEAM EVAPORATOR
HB2		2202----	TURBINE BYPASS VALVE ASSEMBLY
HB2		2203----	MOISTURE SEPARATOR REHEATER
HB2		2204----	CARBON STEEL PIPING AND VALVES
HB2		23------	MISCELLANEOUS DRAIN AND VENT SYSTEM
HB2		2301----	SEAL WATER LIQUID TANK
HB2		2302----	PUMPED DRAIN TANK PUMP
HB2		2303----	CARBON STEEL PIPING AND VALVES
HB2		2304----	PUMPED DRAIN TANK
HB2		24------	MAIN TURBINE
HB2		25------	MAIN CONDENSER
HB2		26------	AIR REMOVAL SYSTEM
HB2		2601----	MECHANICAL VACUUM PUMP
HB2		2602----	CARBON STEEL PIPING AND VALVES
HB2		2603----	ALUMINUM PIPING AND VALVES
HB2		2604----	MECHANICAL VACUUM PUMP PIPING
HB2		27------	REACTOR FEEDWATER SYSTEM
HB2		2701----	REACTOR FEEDWATER PUMP
HB2		2702----	HIGH PRESSURE FEEDWATER HEATER
HB2		2703----	LOW PRESSURE FEEDWATER HEATER
HB2		2704----	ALUMINUM PIPING AND VALVES
HB2		2705----	CARBON STEEL PIPING AND VALVES
HB2		2706----	STAINLESS STEEL PIPING AND VALVES
HB2		2707----	SPARGER CLAMP BRACKET
HB2		2708----	FEEDWATER SYSTEM PIPING

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HUMBOLDT UNC DDS - DECOMM CODE TABLE/INDEX M 192 B

*FAC *COD	FACILITY SYSTEM/COMPONENT	SYS/COMP NUMBER	DESCRIPTION
HB2		28------	CONDENSATE FILTER DEMINERALIZER SYSTEM
HB2		2801----	CONDENSATE PHASE SEPARATOR TANK
HB2		2802----	CONDENSATE BACKWASH RECEIVER TANK
HB2		2803----	CONDENSATE SLUDGE DISCHARGE MIXING PUMP
HB2		2804----	CONDENSATE DECANT PUMP
HB2		2805----	CONDENSATE BACKWASH TRANSFER PUMP
HB2		2806----	CONDENSATE DEMINERALIZER HOLDING PUMP
HB2		2807----	CONDENSATE FILTER DEMINERALIZER
HB2		2808----	CONDENSATE PRECOAT TANK
HB2		2809----	CONDENSATE SUPPLY PUMP
HB2		2810----	CARBON STEEL PIPING AND VALVES
HB2		29------	CONDENSER OFF-GAS TREATMENT SYSTEM (STACK)
HB2		2901----	COOLER CONDENSER
HB2		2902----	MOISTURE SEPARATOR
HB2		2903----	DESICCANT DRYER
HB2		2904----	DRYER REGENERATOR
HB2		2905----	GAS COOLER
HB2		2906----	CHARCOAL ADSORBER
HB2		2907----	AIR HANDLING UNIT
HB2		2908----	PREFILTER
HB2		2909----	AFTERFILTER
HB2		2910----	CHILLER UNIT
HB2		2911----	ALUMINUM PIPING AND VALVES
HB2		2912----	CARBON STEEL PIPING AND VALVES
HB2		2913----	STAINLESS STEEL PIPING AND VALVES
HB2		2914----	REFRIGERATION EQUIPMENT
HB2		30------	EQUIPMENT DRAIN SYSTEM (RADIOACTIVE)
HB2		3001----	WASTE COLLECTOR TANK
HB2		3002----	SPENT RESIN TANK
HB2		3003----	WASTE SURGE TANK
HB2		3004----	WASTE SAMPLE TANK
HB2		3005----	WASTE COLLECTOR PUMP
HB2		3006----	WASTE SURGE PUMP
HB2		3007----	WASTE SAMPLE PUMP
HB2		3008----	SPENT RESIN PUMP
HB2		3009----	EQUIPMENT DRAIN SUMP PUMP
HB2		3010----	CARBON STEEL PIPING AND VALVES
HB2		3011----	STAINLESS STEEL PIPING AND VALVES
HB2		3012----	WASTE FILTER HOLD PUMP
HB2		3013----	WASTE COLLECTOR FILTER
HB2		3014----	WASTE DEMINERALIZER
HB2		3015----	EQUIPMENT DRAIN SUMP
HB2		3016----	WASTE DEMINERALIZER PUMP
HB2		3017----	WASTE DEMINERALIZER PIPING
HB2		3018----	WASTE FILTER ACID TANK
HB2		3019----	WASTE SAMPLE TANK PIPING
HB2		3020----	WASTE PRE-COAT TANK
HB2		31------	FLOOR DRAIN SYSTEM (RADIOACTIVE)
HB2		3101----	FLOOR DRAIN COLLECTOR TANK
HB2		3102----	WASTE SLUDGE PHASE SEPARATOR TANK

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HUMBOLDT UNC DDS - DECOMM CODE TABLE/INDEX M 192 B

*FAC	FACILITY	SYS/COMP	
*COD	SYSTEM/COMPONENT	NUMBER	DESCRIPTION
HB2		3103----	FLOOR DRAIN SAMPLE TANK
HB2		3104----	FLOOR DRAIN COLLECTOR PUMP
HB2		3105----	FLOOR DRAIN SAMPLE PUMP
HB2		3106----	WASTE DECANT PUMP
HB2		3107----	WASTE SLUDGE DISCHARGE MIXING PUMP
HB2		3108----	FLOOR DRAIN SUMP PUMP
HB2		3109----	FLOOR DRAIN FILTER HOLD PUMP
HB2		3110----	FLOOR DRAIN FILTER
HB2		3111----	FLOOR DRAIN DEMINERALIZER
HB2		3112----	FLOOR DRAIN SUMP
HB2		3113----	CARBON STEEL PIPES AND VALVES
HB2		3114----	STAINLESS STEEL PIPING AND VALVES
HB2		3115----	WASTE SLUDGE PHASE SEPARATOR TANK PIPING
HB2		32------	PIPE TUNNEL
HB2		33------	MISCELLANEOUS WASTE SYSTEM (RADIOACTIVE)
HB2		3301----	CHEMICAL WASTE TANK
HB2		3302----	DISTILLATE TANK
HB2		3303----	DETERGENT DRAIN TANK
HB2		3304----	DECONTAMINATION SOLUTION CONCENTRATOR WASTE
HB2		3305----	CONCENTRATOR FEED PUMP
HB2		3306----	CHEMICAL WASTE PUMP
HB2		3307----	DISTILLATE TANK PUMP
HB2		3308----	DETERGENT DRAIN PUMP
HB2		3309----	DECONTAMINATION SOLUTION CONCEN WASTE PUMP
HB2		3310----	CHEMICAL DRAIN SUMP PUMP
HB2		3311----	DETERGENT DRAIN FILTER
HB2		3312----	DECONTAMINATION SOLUTION CONCENTRATOR
HB2		3313----	DECONTAMINATION SOLUTION CONCENTRATOR HEATING ELEMENT
HB2		3314----	CONCENTRATOR WASTE MEASURING TANK
HB2		3315----	DECONTAMINATION SOLUTION CONCENTRATE BOTTOMS RECYCLE PUMP
HB2		3316----	DISTILLATE POLISHER DEMINERALIZER
HB2		3317----	DECONTAMINATION SOLUTION CONCENTRATE CONDENSER
HB2		3318----	CHEMICAL DRAIN SUMP
HB2		3319----	CARBON STEEL PIPING AND VALVES
HB2		3320----	STAINLESS STEEL PIPING AND VALVES
HB2		3321----	DECONTAMINATION SOLUTION CONCENTRATE EVAPORATOR
HB2		34------	PROCESS WASTE SYSTEM (RADIOACTIVE)
HB2		3401----	SOLID WASTE HYDRAULIC BALER
HB2		3402----	TRANSFER DOLLY
HB2		3403----	HOPPER MIXER
HB2		3404----	WASTE PROCESSING PUMP
HB2		3405----	CENTRIFUGE
HB2		3406----	SOLID WASTE CRANE
HB2		3407----	TRUCK LOADING CRANE
HB2		3408----	STAINLESS STEEL PIPING AND VALVES
HB2		3409----	CARBON STEEL PIPING AND VALVES
HB2		3410----	SOLID WASTE CONTAINER CAPPING STATION
HB2		3411----	CENTRIFUGE PIPING

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HUMBOLDT UNC DDS - DECOMM CODE TABLE/INDEX M 192 B

*FAC *COD	FACILITY SYSTEM/COMPONENT	SYS/COMP NUMBER	DESCRIPTION
HB2		3412----	CONTAINER FILL STATION
HB2		3413----	CONTAINER WASHDOWN TEST STATION
HB2		3414----	DECONTAMINATION AREA
HB2		3415----	HOT STORAGE AREA
HB2		3416----	SOLID WASTE CONTAINER DOLLY RACK
HB2		35------	REACTOR WATER CLEANUP (RWCU) STYSTEM
HB2		3501----	CLEANUP PHASE SEPARATOR TANK
HB2		3502----	CLEANUP DECANT PUMP
HB2		3503----	CLEANUP SLUDGE DISCHARGE MIXING PUMP
HB2		3504----	CLEANUP PRECOAT TANK
HB2		3505----	CLEANUP PRECOAT PUMP
HB2		3506----	CLEANUP HOLD PUMP
HB2		3507----	CLEANUP FILTER DEMINERALIZER
HB2		3508----	CARBON STEEL PIPING AND VALVES
HB2		36------	EMERGENCY CONDENSER
HB2		3601----	EMERGENCY CONDENSER TANK
HB2		3602----	EMERGENCY CONDENSER CS PIPING
HB2		3603----	EMERGENCY CONDENSER SS PIPING
HB2		70------	REACTOR BUILDING
HB2		7001----	HEATING, VENTILATING, COOLING AND ELECTRICAL SYSTEM
HB2		7002----	MISCELLANEOUS STEEL STRUCTURES
HB2		7003----	DRAIN SYSTEM
HB2		7004----	CONTAMINATED CONCRETE
HB2		7005----	MISCELLANEOUS SYSTEMS
HB2		7006----	MISCELLANEOUS EQUIPMENT
HB2		7007----	PIPING
HB2		7008----	INTRUSION RADIATION MONITORING & FIRE ALARM SYSTEMS
HB2		7009----	HEPA FILTERS
HB2		7010----	COVERED HATCH
HB2		7011----	OPEN HATCH
HB2		7012----	ELEVATOR
HB2		7013----	RAILROAD TRACK
HB2		7014----	RAILROAD AIRLOCK
HB2		7015----	CONTROL INSTRUMENTATION AIR TANK
HB2		7016----	VARIOUS LAYDOWN AREAS
HB2		7017----	RELEASE STACK OPENING
HB2		7018----	AIR DRYER
HB2		7019----	AIR LOCK
HB2		7020----	AIR COMPRESSOR
HB2		7021----	FAN COIL UNIT
HB2		7022----	UPPER AND LOWER SHIELD PLUG LAY DOWN
HB2		7023----	STANDBY LIQUID CONTROL EQUIPMENT
HB2		7024----	STANDBY GAS FILTER UNIT
HB2		7025----	DAMPERS (AIR OPERATED)
HB2		7026----	EXHAUST AIR PLENUM
HB2		7027----	SUMP VENT FILTER UNITS
HB2		7028----	NEW FUEL STORAGE VAULT
HB2		7029----	SPENT FUEL SHIPPING CASK STORAGE AREA

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HUMBOLDT UNC DDS - DECOMM CODE TABLE/INDEX M 192 B

*FAC *CGD	FACILITY SYSTEM/COMPONENT	SYS/COMP NUMBER	DESCRIPTION
HB2	"	7030----	SUPPRESSION CHAMBER
HB2		7031----	REACTOR WELL POOL CAVITY
HB2		7032----	JIB CRANE
HB2		7033----	75 TON CRANE
HB2		7034----	ACCESS SHAFT
HB2		71------	PRIMARY CONTAINMENT
HB2		7101----	HEATING, VENTILATING, COOLING AND ELECTRICAL SYSTEM
HB2		7102----	MISCELLANEOUS STEEL STRUCTURES
HB2		7103----	DRAIN SYSTEM
HB2		7104----	CONTAMINATED CONCRETE
HB2		7105----	MISCELLANEOUS SYSTEMS
HB2		7106----	MISCELLANEOUS EQUIPMENT
HB2		7107----	PIPING
HB2		7108----	INTRUSION, RADIATION MONITORING & FIRE ALARM SYSTEMS
HB2		7109----	HEPA FILTERS
HB2		7110----	COVERED HATCH
HB2		7111----	OPEN HATCH
HB2		7112----	ELEVATOR
HB2		7113----	EQUIPMENT AND PERSONNEL HATCH OPENINGS
HB2		72------	TURBINE GENERATOR BUILDING
HB2		7201----	HEATING, VENTILATING, COOLING AND ELECTRICAL SYSTEM
HB2		7202----	MISCELLANEOUS STEEL STRUCTURES
HB2		7203----	DRAIN SYSTEM
HB2		7204----	CONTAMINATED CONCRETE
HB2		7205----	MISCELLANEOUS SYSTEMS
HB2		7206----	MISCELLANEOUS EQUIPMENT
HB2		7207----	PIPING
HB2		7208----	INTRUSION, RADIATION MONITORING & FIRE ALARM SYSTEMS
HB2		7209----	HEPA FILTERS
HB2		7210----	COVERED HATCH
HB2		7211----	OPEN HATCH
HB2		7212----	ELEVATOR
HB2		7213----	RAILROAD TRACK
HB2		73------	RADWASTE & CONTROL BUILDING
HB2		7301----	HEATING, VENTILATING, COOLING AND ELECTRICAL SYSTEM
HB2		7302----	MISCELLANEOUS STEEL STRUCTURES
HB2		7303----	DRAIN SYSTEM
HB2		7304----	CONTAMINATED CONCRETE
HB2		7305----	MISCELLANEOUS SYSTEMS
HB2		7306----	MISCELLANEOUS EQUIPMENT
HB2		7307----	PIPING
HB2		7308----	INTRUSION, RADIATION MONITORING & FIRE ALARM SYSTEMS
HB2		7309----	HEPA FILTERS
HB2		7310----	COVERED HATCH

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HUMBOLDT UNC. DDS - DECOMM CODE TABLE/INDEX M 192 B

*FAC *COD	FACILITY SYSTEM/COMPONENT	SYS/COMP NUMBER	DESCRIPTION
HB2		7311----	OPEN HATCH
HB2		7312----	ELEVATOR
HB2		7313----	AIR FILTERING UNITS
HB2		7314----	EXPANSION TANK
HB2		7315----	EQUIPMENT REMOVAL PLUG
HB2		7316----	AIR HANDLING UNIT
HB2		7317----	RELAY CABINET BOARD
HB2		7318----	MAIN CONTROL BENCH BOARD
HB2		7319----	RADWASTE SYSTEMS
HB2		7320----	CHEMICAL ADDITION TANK
HB2		7321----	CHEMICAL SOLUTION TANK
HB2		7322----	FILTER DEMINERALIZER REMOVAL CRANE
HB2		7323----	RESIN ADDITION TANK
HB2		74------	ANCILLARIES
HB2		7401----	HEATING, VENTILATING, COOLING AND ELECTRICAL
*			SYSTEM
HB2		7402----	MISCELLANEOUS STEEL STRUCTURES
HB2		7403----	DRAIN SYSTEM
HB2		7404----	CONTAMINATED CONCRETE
HB2		7405----	MISCELLANEOUS SYSTEMS
HB2		7406----	MISCELLANEOUS EQUIPMENT
HB2		7407----	PIPING
HB2		7408----	INTRUSION, RADIATION MONITORING & FIRE ALARM
*			SYSTEMS
HB2		7409----	HEPA FILTERS
HB2		7410----	COVERED HATCH
HB2		7411----	OPEN HATCH
HB2		7412----	ELEVATOR
HB2		7413----	SOLID RADWASTE SYSTEM
HB2		7499----	MISCELLANEOUS
HB2		75------	HOT MACHINE SHOP BUILDING
HB2		7501----	HOT MACHINE SHOP
HB2		7502----	DECONTAMINATION AREA
HB2		7503----	TOOL CRIB
HB2		7504----	OFFICE
HB2		7505----	INSTRUMENT CALIBRATION
HB2		76------	STACK
HB2		7601----	STACK CONCRETE PAD
HB2		77------	REFUELING BUILDING
HB2		78------	LOW-LEVEL STORAGE BUILDING
HB2		79------	ALL BUILDINGS
HB2		80------	ALARA EQUIPMENT
HB2		8001----	UNDERWATER MANIPULATORS
HB2		8002----	UNDERWATER PLASMA ARC TORCH
HB2		8003----	UNDERWATER OXYACETYLENE TORCH
HB2		8004----	UNDERWATER LIGHTS & PERISCOPES
HB2		8005----	MISCELLANEOUS UNDERWATER SMALL TOOLS
HB2		8006----	SUBMERSIBLE PUMP W/DISPOSABLE FILTER
HB2		8007----	ARC SAW
HB2		8008----	PORTABLE PLASMA ARC TORCH

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HUMBOLDT UNC DDS - DECOMM CODE TABLE/INDEX M 192 B

*FAC *COD	FACILITY SYSTEM/COMPONENT	SYS/COMP NUMBER	DESCRIPTION
HB2		8009----	PORTABLE OXYACETYLENE TORCH
HB2		8010----	REMOTE CONTROLLED OXYACETYLENE TORCH
HB2		8011----	GUILLOTINE PIPE SAW
HB2		8012----	POWER RECIPROCATING HACK SAW
HB2		8013----	CLOSED-CIRCUIT HIGH-RESOLUTION TV
HB2		8014----	LOW-PRESSURE WATER JET
HB2		8015----	HIGH-PRESSURE WATER JET
HB2		8016----	PIPE JUMPER
HB2		8017----	MOBILE CHEMICAL DECONTAMINATION UNIT
HB2		8018----	MOBILE CHEMICAL MIXING & HEATING UNIT
HB2		8019----	POWER MOBILE SCISSORS MAN-LIFT
HB2		8020----	POWER MOBILE ARTICULATING ARM MANLIFT
HB2		8021----	MOBILE HYDRAULIC CRANE
HB2		8022----	FORK LIFT
HB2		8023----	FRONT END LOADER, LIGHT DUTY
HB2		8024----	RIGGING MATERIALS
HB2		8025----	SCAFFOLDING
HB2		8026----	SAFETY NETS
HB2		8027----	CONCRETE DRILL W/FILTERS
HB2		8028----	CONCRETE SURFACE SPALLER
HB2		8029----	VACUUM CLEANER, HEPA FILTERED
HB2		8030----	PORTABLE VENTILATION ENCLOSURE
HB2		8031----	SUPPLIED AIR PLASTIC SUIT
HB2		8032----	FILTERED EXHAUST FAN UNIT
HB2		8033----	POLYURETHANE FOAM GENERATOR
HB2		8034----	PAINT SPRAYER
HB2		8035----	REMOTE OPERATIONS TOOL
HB2		8036----	NIBBLER
HB2		8037----	JACKHAMMER
HB2		8038----	SHIELDED VEHICLE W/ MANIPULATOR TOOLS
HB2		8039----	ELECTROPOLISHER
HB2		8040----	BLASTING MATS
HB2		8041----	MOBILE RADWASTE PROCESSING UNIT
HB2		8042----	PRIMARY PIPING JUMPER
HB2		8043----	ROUGHING FILTER
HB2		8044----	HEPA FILTER
HB2		8045----	POWERED FLOOR SCRUBBER
HB2		1	MANAGEMENT AND SUPPORT STAFF
HB2		1A	PROJECT MANAGER
HB2		1B	ACCOUNTANT
HB2		1C	ACCOUNTING CLERK
HB2		1D	CLERK
HB2		1E	PROCUREMENT SPECIALIST
HB2		1F	SECRETARY
HB2		1G	ON-SITE ADMINISTRATIVE STAFF
HB2		1H	OFF-SITE ADMINISTRATIVE STAFF
HB2		2	PLANT OPERATIONS
HB2		2A	CONTROL ROOM SUPERVISOR
HB2		2B	CONTROL ROOM OPERATOR
HB2		2C	UTILITY OPERATOR

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HUMBOLDT UNC DDS - DECOMM CODE TABLE/INDEX M 192 B

*FAC	FACILITY	SYS/COMP	
*COD	SYSTEM/COMPONENT	NUMBER	DESCRIPTION
HB2		3	PLANT MAINTENANCE
HB2		4	ENGINEERING
HB2		4A	ENGINEERING SUPERVISOR
HB2		4B	ENGINEER
HB2		5	HEALTH AND SAFETY STAFF
HB2		5A	INDUSTRIAL SAFETY SPECIALIST
HB2		5B	PROTECTIVE EQUIPMENT ATTENDANT
HB2		5C	TOOL CRIB ATTENDANT
HB2		6	LABORERS AND CRAFSTMEN
HB2		6A	CRAFT SUPERVISOR
HB2		6B	CREWLEADER
HB2		6C	CARPENTER
HB2		6D	ELECTRICIAN
HB2		6E	LABORER
HB2		6F	PIPEFITTER
HB2		6G	CRANE OPERATOR
HB2		6H	APPRENTICE CRANE OPERATOR
HB2		6I	IRON WORKER
HB2		6J	APPRENTICE IRON WORKER
HB2		6K	INSTRUMENT TECHNICIAN
HB2		6L	APPRENTICE INSTRUMENT TECHNICIAN
HB2		6M	MILLWRIGHT
HB2		6N	APPRENTICE MILLWRIGHT
HB2		6O	TEAMSTER
HB2		7	PLANT SECURITY
HB2		7A	SECURITY SUPERVISOR
HB2		7B	ARMED GUARD
HB2		7C	PATROLMAN
HB2		8	HEALTH PHYSICS STAFF
HB2		8A	HEALTH PHYSICS SUPERVISOR
HB2		8B	SENIOR HEALTH PHYSICIST
HB2		8C	HEALTH PHYSICIST
HB2		8D	SENIOR HEALTH PHYSICS TECHNICIAN
HB2		8E	HEALTH PHYSICS TECHNICIAN
HB2		8F	INSTRUMENT SPECIALIST
HB2		8G	RADIOACTIVE SHIPMENT SPECIALIST
HB2		8H	RADIOCHEMIST
HB2		9	QUALITY ASSURANCE (QA)
HB2		9A	QA SUPERVISOR
HB2		9B	QA ENGINEER
HB2		9C	QA TECHNICIAN
HB2		A	ADMINISTRATIVE ACTIVITIES
HB2		AA	LICENSING
HB2		AB	DECOMMISSIONING PLAN
HB2		AC	ENVIRONMENTAL IMPACT STATEMENT/ENVIRONMENTAL ASSESSMENT
HB2		AD	PERSONNEL TRAINING
HB2		AE	PROCUREMENT
HB2		AF	SUB-CONTRACTOR
HB2		AG	ACCOUNTING
HB2		AH	PLANNING

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HUMBOLDT UNC. DDS - DECOMM CODE TABLE/INDEX M 192 B

*FAC *COD	FACILITY SYSTEM/COMPONENT	SYS/COMP NUMBER	DESCRIPTION
HB2		AI	REPORT PREPARATION
HB2		AJ	EMERGENCY PREPAREDNESS OR PLANNING
HB2		AK	SECURITY
HB2		C	CONCRETE DECON & DEMOLITION
HB2		CA	BACKHOE MOUNTED RAMS
HB2		CB	BRISTAR DEMOLITION COMPOUND
HB2		CC	CONTROLLED BLASTING
HB2		CD	CORE STITCH DRILLING
HB2		CE	DRILL AND SPALL
HB2		CF	EXPLOSIVE CUTTING
HB2		CG	FLAME CUTTING
HB2		CH	GRINDING
HB2		CI	PAVING BREAKERS AND CHIPPING HAMMERS
HB2		CJ	ROCK SPLITTER
HB2		CK	SCARIFIER
HB2		CL	THERMIC LANCE
HB2		CM	WALL AND FLOOR SAWING
HB2		CN	WATER CANNON
HB2		CO	WRECKING BALL OR WRECKING SLAB
HB2		D	DECONTAMINATION
HB2		DA	CHEMICAL FLUSHING
HB2		DB	DRAINING
HB2		DC	ELECTROPOLISHING
HB2		DD	HIGH PRESSURE WATER LANCE
HB2		DE	PAINTING AND/OR SEALING
HB2		DF	STRIPPABLE COATING
HB2		DG	ULTRASONIC DECON
HB2		DH	GENERAL CLEANING
HB2		G	GENERAL SUPPORT
HB2		GA	DISASSEMBLY
HB2		GB	GENERAL CLEAN UP
HB2		GC	HANDLING
HB2		GD	INSTALLATION/MODIFICATION
HB2		GE	LOADING & UNLOADING
HB2		GF	ON-SITE TRANSPORT
HB2		GG	OPERATE
HB2		GH	PACKAGING
HB2		GI	PREP WORK
HB2		GJ	REMOVE
HB2		GK	RIGGING & LIFTING
HB2		GL	DEACTIVATE
HB2		GM	ISOLATE AND/OR SEAL
HB2		GN	SHIPPING
HB2		M	METAL COMPONENT SEGMENTING
HB2		MA	ABRASIVE CUTTERS
HB2		MB	ARC SAW
HB2		MC	CIRCULAR CUTTING MACHINES
HB2		MD	EXPLOSIVE CUTTING
HB2		ME	GUILLOTINE SAW
HB2		MF	HACKSAW

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HUMBOLDT UNC DDS - DECOMM CODE TABLE/INDEX M 192 B

*FAC *COD	FACILITY SYSTEM/COMPONENT	SYS/COMP NUMBER	DESCRIPTION
HB2		MG	LASER CUTTING
HB2		MH	OXYGEN BURNING
HB2		MI	PLASMA ARC
HB2		MJ	REMOTE CUTTING POWER NIBBLER
HB2		MK	THERMITE REACTION LANCE
HB2		S	SURVEY
HB2		SA	VISUAL
HB2		SB	WEEKLY RADIATION
HB2		SC	MONTHLY RADIATION
HB2		SD	QUARTERLY RADIATION
HB2		SE	ANNUAL RADIATION
HB2		SF	COMPREHENSIVE RADIATION
HB2		T	WASTE TREATMENTS
*			LIQUID WASTE
HB2		TA	EVAPORATION
HB2		TB	FILTRATION
HB2		TC	ION EXCHANGE
HB2		TD	NEUTRALIZATION
*			SOLID WASTE
HB2		TE	SOLIDIFICATION/CEMENT
HB2		TF	SOLIDIFICATION/POLYESTER RESIN
HB2		TG	SOLIDIFICATION/UREA-FORMALDEHYDE RESIN
HB2		TZ	COMPACTION
HB2		ZZ	ACTIVITY NOT SPECIFIED

END REPORT

3.0 COMPUTER REPORTS

3.3 Significant Event Report

This report is a record of incidents, significant occurrences, and accidents that may impact decommissioning of the facility. The report also includes significant dates such as construction start and completion, initial startup, and final shutdown.

Due to lack of detailed information presently available for non-routine events during HBPP Unit 3's operating life, non-routine events are not included in this interim status report. Narrative relating to non-routine events can be found in section 1.4.3.1.

PAGE NO 1
HUMBOLDT UNC DDS - SIGNIFICANT EVENT REPORT D3006

*FAC COD	EVENT DATE	SYS/COMP NUMBER	SIGNIFICANT EVENT DESCRIPTION
HB2	6010		CONSTRUCTION PERMIT ISSUED
HB2	6011		CONSTRUCTION STARTED
HB2	62----		CONSTRUCTION COMPLETED
HB2	6208		PROVISIONAL OPERATING LICENSE
HB2	630215		INITIAL FUEL LOAD
HB2	630216		INITIAL CRITICALITY
HB2	630801		INITIAL COMMERCIAL OPERATION
HB2	6901		FULL OPERATING LICENSE
HB2	760702		REACTOR SHUTDOWN FOR ROUTINE REFUELING, MAINTENANCE,SEISMIC MODIFICATIONS & STUDIES OF AREA GEOLOGY
HB2	80----		APPLICATION TO RESTART UNIT 3 WITHDRAWN BY PACIFIC GAS & ELECTRIC
HB2	8407--		ENVIRONMENTAL REPORT AND DECOMMISSIONING PLANS SUBMITTED TO NRC
HB2	851231		SCHEDULED COMPLETION PREPARATIONS FOR SAFSTORAGE

..... END REPORT .....

3.0 COMPUTER REPORTS

3.4 Radionuclide Inventory

This is a report which records an inventory of the amount of each radionuclide and/or its concentration, the measurement date, and a description of the material composition. The report also notes whether the radionuclide in the material is a result of neutron activation or surface contamination.

A summary of radionuclide inventory as of June 1984 can be found in Table 1, page 12.

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HUMBOLDT UNC DDS - RADIONUCLIDE INVENTORY M 192 H

*FAC *COD	SYS/COMP NUMBER	SOURCE MATERIAL DESCRIPTION	A/C	MEASUREMENT DATE	RADIONUCLIDE NAME	CURIES	CURIES /FT**3	DPM/ 100CM2
HB2		CHIMNEY GUIDE AND CHIMNEY	A	8406	CO 60	3.1E3		
HB2		CHIMNEY GUIDE AND CHIMNEY	A	8406	FE 55	1.7E2		
HB2		CHIMNEY GUIDE AND CHIMNEY	A	8406	NI 63	1.6E3		
HB2		CHIMNEY GUIDE AND CHIMNEY	A	8406	OTHER	1.7E1		
*HB2		CHIMNEY GUIDE AND CHIMNEY	A	8406	TOTAL	4.9E3		
HB2	010101	CORE SHROUD	A	8406	CO 60	5.3E2		
HB2	010101	CORE SHROUD	A	8406	FE 55	2.9E1		
HB2	010101	CORE SHROUD	A	8406	NI 63	2.7E2		
HB2	010101	CORE SHROUD	A	8406	OTHER	3.0E0		
*HB2	010101	CORE SHROUD	A	8406	TOTAL	8.3E2		
HB2	010103	CORE SUPPORT RING AND GRID	A	8406	CO 60	1.4E3		
HB2	010103	CORE SUPPORT RING AND GRID	A	8406	FE 55	7.7E1		
HB2	010103	CORE SUPPORT RING AND GRID	A	8406	NI 63	7.3E2		
HB2	010103	CORE SUPPORT RING AND GRID	A	8406	OTHER	7.0E0		
*HB2	010103	CORE SUPPORT RING AND GRID	A	8406	TOTAL	2.2E3		
HB2	010103	FUEL SUPPORT PLATES	A	8406	CO 60	9.9E2		
HB2	010103	FUEL SUPPORT PLATES	A	8406	FE 55	5.4E1		
HB2	010103	FUEL SUPPORT PLATES	A	8406	NI 63	5.1E2		
HB2	010103	FUEL SUPPORT PLATES	A	8406	OTHER	5.0E0		
*HB2	010103	FUEL SUPPORT PLATES	A	8406	TOTAL	1.6E3		
HB2	010105	CONTROL ROD GUIDE TUBES	A	8406	CO 60	6.3E1		
HB2	010105	CONTROL ROD GUIDE TUBES	A	8406	FE 55	3.7E0		
HB2	010105	CONTROL ROD GUIDE TUBES	A	8406	NI 63	3.3E1		
HB2	010105	CONTROL ROD GUIDE TUBES	A	8406	OTHER	1.0E0		
*HB2	010105	CONTROL ROD GUIDE TUBES	A	8406	TOTAL	1.0E2		
HB2	1007	CONTROL ROD BLADES	A	8406	CO 60	9.4E2		
HB2	1007	CONTROL ROD BLADES	A	8406	FE 55	1.0E2		
HB2	1007	CONTROL ROD BLADES	A	8406	NI 63	2.3E2		
HB2	1007	CONTROL ROD BLADES	A	8406	OTHER	3.1E0		
*HB2	1007	CONTROL ROD BLADES	A	8406	TOTAL	2.2E3		
HB2	0101	REACTOR VESSEL AND CLADDING	A	8406	CO 60	6.9E1		
HB2	0101	REACTOR VESSEL AND CLADDING	A	8406	FE 55	5.0E1		
HB2	0101	REACTOR VESSEL AND CLADDING	A	8406	NI 63	9.0E0		
HB2	0101	REACTOR VESSEL AND CLADDING	A	8406	OTHER	3.0E0		
*HB2	0101	REACTOR VESSEL AND CLADDING	A	8406	TOTAL	1.3E2		

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HUMBOLDT UNC: DDS - RADIONUCLIDE INVENTORY M 192 H

*FAC *COD	SYS/COMP NUMBER	SOURCE MATERIAL DESCRIPTION	A/C	MEASUREMENT DATE	RADIONUCLIDE NAME	CURIES	CURIES /FT**3	DPM/ 100CM2
HB2		DRYWELL VESSEL WALL	A	8406	CO 60	1.0E0		
HB2		DRYWELL VESSEL WALL	A	8406	FE 55	1.0E0		
HB2		DRYWELL VESSEL WALL	A	8406	NI 63	1.0E0		
HB2		DRYWELL VESSEL WALL	A	8406	OTHER	1.0E0		
*HB2		DRYWELL VESSEL WALL	A	8406	TOTAL	4.0E0		
HB2		DRYWELL CONCRETE & REBAR	A	8406	CO 60	1.0E0		
HB2		DRYWELL CONCRETE & REBAR	A	8406	FE 55	1.0E0		
HB2		DRYWELL CONCRETE & REBAR	A	8406	NI 63	1.0E0		
HB2		DRYWELL CONCRETE & REBAR	A	8406	OTHER	1.0E0		
*HB2		DRYWELL CONCRETE & REBAR	A	8406	TOTAL	4.0E0		
HB2	0604	REACTOR CLEANUP PIPING	C	8407	MN 54	1.1E-3		
HB2	0604	REACTOR CLEANUP PIPING	C	8407	CO 60	1.2E0		
HB2	0604	REACTOR CLEANUP PIPING	C	8407	SB125	3.4E-3		
HB2	0604	REACTOR CLEANUP PIPING	C	8407	CS134	ND		
HB2	0604	REACTOR CLEANUP PIPING	C	8407	CS137	3.1E-3		
HB2	0604	REACTOR CLEANUP PIPING	C	8407	EU155	ND		
HB2	0604	REACTOR CLEANUP PIPING	C	8407	FE 55	3.1E0		
HB2	0604	REACTOR CLEANUP PIPING	C	8407	NI 63	1.5E-1		
HB2	0604	REACTOR CLEANUP PIPING	C	8407	SR 90	1.1E-3		
HB2	0604	REACTOR CLEANUP PIPING	C	8407	TC 99	8.8E-5		
HB2	0604	REACTOR CLEANUP PIPING	C	8407	PU239	7.0E-4		
HB2	0604	REACTOR CLEANUP PIPING	C	8407	PU238	7.1E-4		
HB2	0604	REACTOR CLEANUP PIPING	C	8407	AM241	1.3E-3		
HB2	0604	REACTOR CLEANUP PIPING	C	8407	CM244	3.5E-4		
*HB2	0604	REACTOR CLEANUP PIPING	C	8407	TOTAL	4.5E0		
HB2	0603	REACTOR CLEANUP REGENERATIVE HX	C	8407	MN 54	1.4E-3		
HB2	0603	REACTOR CLEANUP REGENERATIVE HX	C	8407	CO 60	1.6E0		
HB2	0603	REACTOR CLEANUP REGENERATIVE HX	C	8407	SB125	4.4E-3		
HB2	0603	REACTOR CLEANUP REGENERATIVE HX	C	8407	CS134	ND		
HB2	0603	REACTOR CLEANUP REGENERATIVE HX	C	8407	CS137	4.0E-3		
HB2	0603	REACTOR CLEANUP REGENERATIVE HX	C	8407	EU155	ND		
HB2	0603	REACTOR CLEANUP REGENERATIVE HX	C	8407	FE 55	4.0E0		
HB2	0603	REACTOR CLEANUP REGENERATIVE HX	C	8407	NI 63	1.9E-1		
HB2	0603	REACTOR CLEANUP REGENERATIVE HX	C	8407	SR 90	1.7E-3		
HB2	0603	REACTOR CLEANUP REGENERATIVE HX	C	8407	TC 99	ND		
HB2	0603	REACTOR CLEANUP REGENERATIVE HX	C	8407	PU239	9.2E-4		
HB2	0603	REACTOR CLEANUP REGENERATIVE HX	C	8407	PU238	9.2E-4		
HB2	0603	REACTOR CLEANUP REGENERATIVE HX	C	8407	AM241	1.7E-3		
HB2	0603	REACTOR CLEANUP REGENERATIVE HX	C	8407	CM244	4.6E-4		
*HB2	0603	REACTOR CLEANUP REGENERATIVE HX	C	8407	TOTAL	5.8E0		
HB2	06	REACTOR CLEANUP RESIN STORAGE TANK	C	8407	MN 54	1.6E-5		

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HUMBOLDT UNC: DDS - RADIONUCLIDE INVENTORY M 192 H

*FAC	SYS/COMP *COD NUMBER	SOURCE MATERIAL DESCRIPTION	A/C	MEASUREMENT DATE	RADIONUCLIDE NAME	CURIES	CURIES /FT**3	DPM/ 100CM2
HB2	06	REACTOR CLEANUP RESIN STORAGE TANK	C	8407	CO 60	6.0E-3		
HB2	06	REACTOR CLEANUP RESIN STORAGE TANK	C	8407	SB125	7.5E-5		
HB2	06	REACTOR CLEANUP RESIN STORAGE TANK	C	8407	CS134	ND		
HB2	06	REACTOR CLEANUP RESIN STORAGE TANK	C	8407	CS137	5.3E-4		
HB2	06	REACTOR CLEANUP RESIN STORAGE TANK	C	8407	EU155	5.2E-6		
HB2	06	REACTOR CLEANUP RESIN STORAGE TANK	C	8407	FE 55	2.4E0		
HB2	06	REACTOR CLEANUP RESIN STORAGE TANK	C	8407	NI 63	6.3E-4		
HB2	06	REACTOR CLEANUP RESIN STORAGE TANK	C	8407	SR 90	1.6E-2		
HB2	06	REACTOR CLEANUP RESIN STORAGE TANK	C	8407	TC 99	ND		
HB2	06	REACTOR CLEANUP RESIN STORAGE TANK	C	8407	PU239	3.1E-6		
HB2	06	REACTOR CLEANUP RESIN STORAGE TANK	C	8407	PU238	3.7E-6		
HB2	06	REACTOR CLEANUP RESIN STORAGE TANK	C	8407	AM241	7.6E-6		
HB2	06	REACTOR CLEANUP RESIN STORAGE TANK	C	8407	CM244	8.9E-6		
*HB2	06	REACTOR CLEANUP RESIN STORAGE TANK	C	8407	TOTAL	2.4E0		
HB2	07	RX SHUTDOWN COOLING SYSTEM PIPING	C	8407	MN 54	1.9E-3		
HB2	07	RX SHUTDOWN COOLING SYSTEM PIPING	C	8407	CO 60	2.3E0		
HB2	07	RX SHUTDOWN COOLING SYSTEM PIPING	C	8407	SB125	ND		
HB2	07	RX SHUTDOWN COOLING SYSTEM PIPING	C	8407	CS134	6.4E-4		
HB2	07	RX SHUTDOWN COOLING SYSTEM PIPING	C	8407	CS137	5.7E-3		
HB2	07	RX SHUTDOWN COOLING SYSTEM PIPING	C	8407	EU155	ND		
HB2	07	RX SHUTDOWN COOLING SYSTEM PIPING	C	8407	FE 55	5.6E-3		
HB2	07	RX SHUTDOWN COOLING SYSTEM PIPING	C	8407	NI 63	2.7E-1		
HB2	07	RX SHUTDOWN COOLING SYSTEM PIPING	C	8407	SR 90	2.3E-3		
HB2	07	RX SHUTDOWN COOLING SYSTEM PIPING	C	8407	TC 99	1.7E-4		
HB2	07	RX SHUTDOWN COOLING SYSTEM PIPING	C	8407	PU239	1.3E-3		
HB2	07	RX SHUTDOWN COOLING SYSTEM PIPING	C	8407	PU238	1.3E-3		
HB2	07	RX SHUTDOWN COOLING SYSTEM PIPING	C	8407	AM241	2.5E-3		
HB2	07	RX SHUTDOWN COOLING SYSTEM PIPING	C	8407	CM244	6.6E-4		
*HB2	07	RX SHUTDOWN COOLING SYSTEM PIPING	C	8407	TOTAL	2.6E0		
HB2	07	RX SHUTDOWN COOLER	C	8407	MN 54	3.6E-3		
HB2	07	RX SHUTDOWN COOLER	C	8407	CO 60	4.2E0		
HB2	07	RX SHUTDOWN COOLER	C	8407	SB125	ND		
HB2	07	RX SHUTDOWN COOLER	C	8407	CS134	1.0E-3		
HB2	07	RX SHUTDOWN COOLER	C	8407	CS137	1.0E-2		
HB2	07	RX SHUTDOWN COOLER	C	8407	EU155	ND		
HB2	07	RX SHUTDOWN COOLER	C	8407	FE 55	1.0E1		
HB2	07	RX SHUTDOWN COOLER	C	8407	NI 63	5.0E-1		
HB2	07	RX SHUTDOWN COOLER	C	8407	SR 90	4.2E-3		
HB2	07	RX SHUTDOWN COOLER	C	8407	TC 99	3.0E-4		
HB2	07	RX SHUTDOWN COOLER	C	8407	PU239	2.3E-3		
HB2	07	RX SHUTDOWN COOLER	C	8407	PU238	2.4E-3		
HB2	07	RX SHUTDOWN COOLER	C	8407	AM241	4.5E-3		
HB2	07	RX SHUTDOWN COOLER	C	8407	CM244	1.2E-3		
*HB2	07	RX SHUTDOWN COOLER	C	8407	TOTAL	1.5E1		

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HUMBOLDT UNC DDS - RADIONUCLIDE INVENTORY M 192 H

*FAC *COD	SYS/COMP NUMBER	SOURCE MATERIAL DESCRIPTION	A/C	MEASUREMENT DATE	RADIONUCLIDE NAME	CURIES	CURIES /FT**3	DPM/ 100CM2
HB2	08	EMERGENCY CONDENSER SYSTEM PIPING	C	8407	MN 54	1.5E-7		
HB2	08	EMERGENCY CONDENSER SYSTEM PIPING	C	8407	CO 60	8.3E-4		
HB2	08	EMERGENCY CONDENSER SYSTEM PIPING	C	8407	SB125	2.0E-6		
HB2	08	EMERGENCY CONDENSER SYSTEM PIPING	C	8407	CS134	9.4E-7		
HB2	08	EMERGENCY CONDENSER SYSTEM PIPING	C	8407	CS137	3.4E-6		
HB2	08	EMERGENCY CONDENSER SYSTEM PIPING	C	8407	EU155	5.2E-7		
HB2	08	EMERGENCY CONDENSER SYSTEM PIPING	C	8407	FE 55	7.9E-3		
HB2	08	EMERGENCY CONDENSER SYSTEM PIPING	C	8407	NI 63	8.4E-5		
HB2	08	EMERGENCY CONDENSER SYSTEM PIPING	C	8407	SR 90	2.5E-6		
HB2	08	EMERGENCY CONDENSER SYSTEM PIPING	C	8407	TC 99	ND		
HB2	08	EMERGENCY CONDENSER SYSTEM PIPING	C	8407	PU239	2.0E-7		
HB2	08	EMERGENCY CONDENSER SYSTEM PIPING	C	8407	PU238	4.3E-7		
HB2	08	EMERGENCY CONDENSER SYSTEM PIPING	C	8407	AM241	3.5E-8		
HB2	08	EMERGENCY CONDENSER SYSTEM PIPING	C	8407	CM244	3.5E-7		
*HB2	08	EMERGENCY CONDENSER SYSTEM PIPING	C	8407	TOTAL	8.8E-3		
HB2	08	EMERGENCY CONDENSER	C	8407	MN 54	3.1E-7		
HB2	08	EMERGENCY CONDENSER	C	8407	CO 60	1.7E-3		
HB2	08	EMERGENCY CONDENSER	C	8407	SB125	4.0E-6		
HB2	08	EMERGENCY CONDENSER	C	8407	CS134	1.4E-6		
HB2	08	EMERGENCY CONDENSER	C	8407	CS137	7.0E-6		
HB2	08	EMERGENCY CONDENSER	C	8407	EU155	1.0E-6		
HB2	08	EMERGENCY CONDENSER	C	8407	FE 55	1.6E-2		
HB2	08	EMERGENCY CONDENSER	C	8407	NI 63	2.0E-4		
HB2	08	EMERGENCY CONDENSER	C	8407	SR 90	4.0E-3		
HB2	08	EMERGENCY CONDENSER	C	8407	TC 99	ND		
HB2	08	EMERGENCY CONDENSER	C	8407	PU239	4.1E-7		
HB2	08	EMERGENCY CONDENSER	C	8407	PU238	8.8E-7		
HB2	08	EMERGENCY CONDENSER	C	8407	AM241	7.1E-7		
HB2	08	EMERGENCY CONDENSER	C	8407	CM244	7.4E-7		
*HB2	08	EMERGENCY CONDENSER	C	8407	TOTAL	1.8E-2		
HB2	1302	SUPPRESSION CHAMBER	C	8407	MN 54	6.2E-6		
HB2	1302	SUPPRESSION CHAMBER	C	8407	CO 60	4.4E-3		
HB2	1302	SUPPRESSION CHAMBER	C	8407	SB125	2.8E-6		
HB2	1302	SUPPRESSION CHAMBER	C	8407	CS134	1.4E-5		
HB2	1302	SUPPRESSION CHAMBER	C	8407	CS137	6.5E-4		
HB2	1302	SUPPRESSION CHAMBER	C	8407	EU155	ND		
HB2	1302	SUPPRESSION CHAMBER	C	8407	FE 55	9.0E-3		
HB2	1302	SUPPRESSION CHAMBER	C	8407	NI 63	3.8E-4		
HB2	1302	SUPPRESSION CHAMBER	C	8407	SR 90	1.0E-4		
HB2	1302	SUPPRESSION CHAMBER	C	8407	TC 99	ND		
HB2	1302	SUPPRESSION CHAMBER	C	8407	PU239	1.5E-6		
HB2	1302	SUPPRESSION CHAMBER	C	8407	PU238	1.9E-6		
HB2	1302	SUPPRESSION CHAMBER	C	8407	AM241	2.5E-6		
HB2	1302	SUPPRESSION CHAMBER	C	8407	CM244	1.3E-6		

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HUMBOLDT UNC: DDS - RADIONUCLIDE INVENTORY M 192 H

*FAC	SYS/COMP NUMBER	SOURCE MATERIAL DESCRIPTION	A / C	MEASUR EMENT DATE	RADIONUCLIDE NAME	CURIES	CURIES /FT**3	DPM/ 100CM2
*HB2	1302	SUPPRESSION CHAMBER	C	8407	TOTAL	1.5E-2		
HB2	0807	SUPPRESSION COOLER	C	8407	MN 54	2.5E-7		
HB2	0807	SUPPRESSION COOLER	C	8407	CO 60	1.8E-4		
HB2	0807	SUPPRESSION COOLER	C	8407	SB125	ND		
HB2	0807	SUPPRESSION COOLER	C	8407	CS134	7.0E-7		
HB2	0807	SUPPRESSION COOLER	C	8407	CS137	2.7E-5		
HB2	0807	SUPPRESSION COOLER	C	8407	EU155	ND		
HB2	0807	SUPPRESSION COOLER	C	8407	FE 55	3.9E-4		
HB2	0807	SUPPRESSION COOLER	C	8407	NI 63	1.6E-5		
HB2	0807	SUPPRESSION COOLER	C	8407	SR 90	5.0E-6		
HB2	0807	SUPPRESSION COOLER	C	8407	TC 99	ND		
HB2	0807	SUPPRESSION COOLER	C	8407	PU239	6.3E-8		
HB2	0807	SUPPRESSION COOLER	C	8407	PU238	8.0E-8		
HB2	0807	SUPPRESSION COOLER	C	8407	AM241	1.1E-7		
HB2	0807	SUPPRESSION COOLER	C	8407	CM244	5.6E-8		
*HB2	0807	SUPPRESSION COOLER	C	8407	TOTAL	6.3E-4		
HB2	0301	TURBINE SYSTEM MAIN STEAM PIPING	C	8407	MN 54	3.3E-4		
HB2	0301	TURBINE SYSTEM MAIN STEAM PIPING	C	8407	CO 60	4.9E-2		
HB2	0301	TURBINE SYSTEM MAIN STEAM PIPING	C	8407	SB125	8.0E-5		
HB2	0301	TURBINE SYSTEM MAIN STEAM PIPING	C	8407	CS134	ND		
HB2	0301	TURBINE SYSTEM MAIN STEAM PIPING	C	8407	CS137	1.3E-4		
HB2	0301	TURBINE SYSTEM MAIN STEAM PIPING	C	8407	EU155	ND		
HB2	0301	TURBINE SYSTEM MAIN STEAM PIPING	C	8407	FE 55	4.5E-1		
HB2	0301	TURBINE SYSTEM MAIN STEAM PIPING	C	8407	NI 63	4.9E-2		
HB2	0301	TURBINE SYSTEM MAIN STEAM PIPING	C	8407	SR 90	1.1E-4		
HB2	0301	TURBINE SYSTEM MAIN STEAM PIPING	C	8407	TC 99	5.4E-4		
HB2	0301	TURBINE SYSTEM MAIN STEAM PIPING	C	8407	PU239	1.1E-5		
HB2	0301	TURBINE SYSTEM MAIN STEAM PIPING	C	8407	PU238	2.4E-5		
HB2	0301	TURBINE SYSTEM MAIN STEAM PIPING	C	8407	AM241	2.0E-5		
HB2	0301	TURBINE SYSTEM MAIN STEAM PIPING	C	8407	CM244	2.1E-5		
*HB2	0301	TURBINE SYSTEM MAIN STEAM PIPING	C	8407	TOTAL	5.4E-1		
HB2	0301	CONDENSATE SYSTEM PIPING	C	8407	MN 54	2.2E-6		
HB2	0301	CONDENSATE SYSTEM PIPING	C	8407	CO 60	1.2E-2		
HB2	0301	CONDENSATE SYSTEM PIPING	C	8407	SB125	2.2E-5		
HB2	0301	CONDENSATE SYSTEM PIPING	C	8407	CS134	ND		
HB2	0301	CONDENSATE SYSTEM PIPING	C	8407	CS137	4.5E-5		
HB2	0301	CONDENSATE SYSTEM PIPING	C	8407	EU155	3.1E-5		
HB2	0301	CONDENSATE SYSTEM PIPING	C	8407	FE 55	1.2E-2		
HB2	0301	CONDENSATE SYSTEM PIPING	C	8407	NI 63	1.0E-2		
HB2	0301	CONDENSATE SYSTEM PIPING	C	8407	SR 90	1.3E-5		
HB2	0301	CONDENSATE SYSTEM PIPING	C	8407	TC 99	1.0E-5		
HB2	0301	CONDENSATE SYSTEM PIPING	C	8407	PU239	4.3E-5		
HB2	0301	CONDENSATE SYSTEM PIPING	C	8407	PU238	2.4E-5		

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HUMBOLDT UNC DDS - RADIONUCLIDE INVENTORY M 192 H

*FAC *COD	SYS/COMP NUMBER	SOURCE MATERIAL DESCRIPTION	A/C	MEASUREMENT DATE	RADIONUCLIDE NAME	CURIES	CURIES /FT**3	DPM/ 100CM2
HB2	0301	CONDENSATE SYSTEM PIPING	C	8407	AM241	1.1E-4		
HB2	0301	CONDENSATE SYSTEM PIPING	C	8407	CM244	1.4E-5		
*HB2	0301	CONDENSATE SYSTEM PIPING	C	8407	TOTAL	3.4E-5		
HB2	17	CONDENSATE SYSTEM MAIN CONDENSER	C	8407	MN 54	1.9E-2		
HB2	17	CONDENSATE SYSTEM MAIN CONDENSER	C	8407	CO 60	2.7E0		
HB2	17	CONDENSATE SYSTEM MAIN CONDENSER	C	8407	SB125	4.6E-3		
HB2	17	CONDENSATE SYSTEM MAIN CONDENSER	C	8407	CS134	1.0E-3		
HB2	17	CONDENSATE SYSTEM MAIN CONDENSER	C	8407	CS137	7.0E-3		
HB2	17	CONDENSATE SYSTEM MAIN CONDENSER	C	8407	EU155	ND		
HB2	17	CONDENSATE SYSTEM MAIN CONDENSER	C	8407	FE 55	2.6E1		
HB2	17	CONDENSATE SYSTEM MAIN CONDENSER	C	8407	NI 63	2.7E-1		
HB2	17	CONDENSATE SYSTEM MAIN CONDENSER	C	8407	SR 90	6.1E-3		
HB2	17	CONDENSATE SYSTEM MAIN CONDENSER	C	8407	TC 99	ND		
HB2	17	CONDENSATE SYSTEM MAIN CONDENSER	C	8407	PU239	6.8E-4		
HB2	17	CONDENSATE SYSTEM MAIN CONDENSER	C	8407	PU238	1.4E-3		
HB2	17	CONDENSATE SYSTEM MAIN CONDENSER	C	8407	AM241	1.2E-3		
HB2	17	CONDENSATE SYSTEM MAIN CONDENSER	C	8407	CM244	1.2E-3		
*HB2	17	CONDENSATE SYSTEM MAIN CONDENSER	C	8407	TOTAL	2.9E1		
HB2	1713	CONDENSATE SYSTEM CONDENSATE DEMIN	C	8407	MN 54	7.7E-6		
HB2	1713	CONDENSATE SYSTEM CONDENSATE DEMIN	C	8407	CO 60	3.0E-3		
HB2	1713	CONDENSATE SYSTEM CONDENSATE DEMIN	C	8407	SB125	3.8E-5		
HB2	1713	CONDENSATE SYSTEM CONDENSATE DEMIN	C	8407	CS134	1.5E-6		
HB2	1713	CONDENSATE SYSTEM CONDENSATE DEMIN	C	8407	CS137	2.6E-4		
HB2	1713	CONDENSATE SYSTEM CONDENSATE DEMIN	C	8407	EU155	ND		
HB2	1713	CONDENSATE SYSTEM CONDENSATE DEMIN	C	8407	FE 55	1.2E0		
HB2	1713	CONDENSATE SYSTEM CONDENSATE DEMIN	C	8407	NI 63	3.2E-4		
HB2	1713	CONDENSATE SYSTEM CONDENSATE DEMIN	C	8407	SR 90	7.0E-6		
HB2	1713	CONDENSATE SYSTEM CONDENSATE DEMIN	C	8407	TC 99	ND		
HB2	1713	CONDENSATE SYSTEM CONDENSATE DEMIN	C	8407	PU239	1.6E-6		
HB2	1713	CONDENSATE SYSTEM CONDENSATE DEMIN	C	8407	PU238	1.9E-6		
HB2	1713	CONDENSATE SYSTEM CONDENSATE DEMIN	C	8407	AM241	3.8E-6		
HB2	1713	CONDENSATE SYSTEM CONDENSATE DEMIN	C	8407	CM244	4.4E-6		
*HB2	1713	CONDENSATE SYSTEM CONDENSATE DEMIN	C	8407	TOTAL	1.2E0		
HB2	1711	FEEDWATER SYSTEM PIPING	C	8407	MN 54	8.5E-7		
HB2	1711	FEEDWATER SYSTEM PIPING	C	8407	CO 60	5.1E-3		
HB2	1711	FEEDWATER SYSTEM PIPING	C	8407	SB125	5.8E-5		
HB2	1711	FEEDWATER SYSTEM PIPING	C	8407	CS134	ND		
HB2	1711	FEEDWATER SYSTEM PIPING	C	8407	CS137	6.3E-5		
HB2	1711	FEEDWATER SYSTEM PIPING	C	8407	EU155	ND		
HB2	1711	FEEDWATER SYSTEM PIPING	C	8407	FE 55	7.1E-4		
HB2	1711	FEEDWATER SYSTEM PIPING	C	8407	NI 63	6.5E-4		
HB2	1711	FEEDWATER SYSTEM PIPING	C	8407	SR 90	3.1E-5		
HB2	1711	FEEDWATER SYSTEM PIPING	C	8407	TC 99	ND		

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HUMBOLDT UNC DDS - RADIONUCLIDE INVENTORY M 192 H

*FAC *COD	SYS/COMP NUMBER	SOURCE MATERIAL DESCRIPTION	A / C	MEASUREMENT DATE	RADIONUCLIDE NAME	CURIES	CURIES /FT**3	DPM/ 100CM2
HB2	1711	FEEDWATER SYSTEM PIPING	C	8407	PU239	2.5E-5		
HB2	1711	FEEDWATER SYSTEM PIPING	C	8407	PU238	1.7E-5		
HB2	1711	FEEDWATER SYSTEM PIPING	C	8407	AM241	4.2E-5		
HB2	1711	FEEDWATER SYSTEM PIPING	C	8407	CM244	3.6E-6		
*HB2	1711	FEEDWATER SYSTEM PIPING	C	8407	TOTAL	6.6E-3		
HB2	30	LIQUID WASTE TREATMENT PIPING	C	8407	MN 54	2.2E-5		
HB2	30	LIQUID WASTE TREATMENT PIPING	C	8407	CO 60	9.1E-3		
HB2	30	LIQUID WASTE TREATMENT PIPING	C	8407	SB125	1.1E-4		
HB2	30	LIQUID WASTE TREATMENT PIPING	C	8407	CS134	ND		
HB2	30	LIQUID WASTE TREATMENT PIPING	C	8407	CS137	8.0E-4		
HB2	30	LIQUID WASTE TREATMENT PIPING	C	8407	EU155	7.8E-6		
HB2	30	LIQUID WASTE TREATMENT PIPING	C	8407	FE 55	3.7E0		
HB2	30	LIQUID WASTE TREATMENT PIPING	C	8407	NI 63	9.4E-4		
HB2	30	LIQUID WASTE TREATMENT PIPING	C	8407	SR 90	2.5E-5		
HB2	30	LIQUID WASTE TREATMENT PIPING	C	8407	TC 99	ND		
HB2	30	LIQUID WASTE TREATMENT PIPING	C	8407	PU239	4.7E-6		
HB2	30	LIQUID WASTE TREATMENT PIPING	C	8407	PU238	5.8E-6		
HB2	30	LIQUID WASTE TREATMENT PIPING	C	8407	AM241	1.1E-5		
HB2	30	LIQUID WASTE TREATMENT PIPING	C	8407	CM244	1.3E-5		
*HB2	30	LIQUID WASTE TREATMENT PIPING	C	8407	TOTAL	3.7E0		
HB2	3001	LIQUID WASTE TREATMENT RECEIVER TK	C	8407	MN 54	3.0E-5		
HB2	3001	LIQUID WASTE TREATMENT RECEIVER TK	C	8407	CO 60	1.3E-2		
HB2	3001	LIQUID WASTE TREATMENT RECEIVER TK	C	8407	SB125	1.6E-4		
HB2	3001	LIQUID WASTE TREATMENT RECEIVER TK	C	8407	CS134	ND		
HB2	3001	LIQUID WASTE TREATMENT RECEIVER TK	C	8407	CS137	1.1E-3		
HB2	3001	LIQUID WASTE TREATMENT RECEIVER TK	C	8407	EU155	9.2E-6		
HB2	3001	LIQUID WASTE TREATMENT RECEIVER TK	C	8407	FE 55	5.0E0		
HB2	3001	LIQUID WASTE TREATMENT RECEIVER TK	C	8407	NI 63	1.3E-3		
HB2	3001	LIQUID WASTE TREATMENT RECEIVER TK	C	8407	SR 90	4.0E-5		
HB2	3001	LIQUID WASTE TREATMENT RECEIVER TK	C	8407	TC 99	ND		
HB2	3001	LIQUID WASTE TREATMENT RECEIVER TK	C	8407	PU239	6.6E-6		
HB2	3001	LIQUID WASTE TREATMENT RECEIVER TK	C	8407	PU238	7.8E-6		
HB2	3001	LIQUID WASTE TREATMENT RECEIVER TK	C	8407	AM241	1.6E-5		
HB2	3001	LIQUID WASTE TREATMENT RECEIVER TK	C	8407	CM244	1.9E-5		
*HB2	3001	LIQUID WASTE TREATMENT RECEIVER TK	C	8407	TOTAL	5.0E0		
HB2	3304	CONC WASTE TANK	C	8407	MN 54	2.1E-5		
HB2	3304	CONC WASTE TANK	C	8407	CO 60	8.2E-3		
HB2	3304	CONC WASTE TANK	C	8407	SB125	1.1E-4		
HB2	3304	CONC WASTE TANK	C	8407	CS134	ND		
HB2	3304	CONC WASTE TANK	C	8407	CS137	7.3E-4		
HB2	3304	CONC WASTE TANK	C	8407	EU155	7.1E-6		
HB2	3304	CONC WASTE TANK	C	8407	FE 55	3.3E0		
HB2	3304	CONC WASTE TANK	C	8407	NI 63	8.8E-4		

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HUMBOLDT UNC DDS - RADIONUCLIDE INVENTORY M 192 H

*FAC COD	SYS/COMP NUMBER	SOURCE MATERIAL DESCRIPTION	A/C	MEASUREMENT DATE	RADIONUCLIDE NAME	CURIES	CURIES /FT**3	DPM/ 100CM2
HB2	3304	CONC WASTE TANK	C	8407	SR 90	2.1E-5		
HB2	3304	CONC WASTE TANK	C	8407	TC 99	ND		
HB2	3304	CONC WASTE TANK	C	8407	PU239	4.3E-6		
HB2	3304	CONC WASTE TANK	C	8407	PU238	5.1E-6		
HB2	3304	CONC WASTE TANK	C	8407	AM241	1.0E-5		
HB2	3304	CONC WASTE TANK	C	8407	CM244	1.2E-5		
*HB2	3304	CONC WASTE TANK	C	8407	TOTAL	3.3E0		
HB2		WASTE HOLDING TANK	C	8407	MN 54	2.2E-5		
HB2		WASTE HOLDING TANK	C	8407	CO 60	8.4E-3		
HB2		WASTE HOLDING TANK	C	8407	SB125	1.1E-4		
HB2		WASTE HOLDING TANK	C	8407	CS134	ND		
HB2		WASTE HOLDING TANK	C	8407	CS137	7.4E-4		
HB2		WASTE HOLDING TANK	C	8407	EU155	7.8E-6		
HB2		WASTE HOLDING TANK	C	8407	FE 55	3.3E0		
HB2		WASTE HOLDING TANK	C	8407	NI 63	8.9E-4		
HB2		WASTE HOLDING TANK	C	8407	SR 90	2.2E-5		
HB2		WASTE HOLDING TANK	C	8407	TC 99	ND		
HB2		WASTE HOLDING TANK	C	8407	PU239	4.4E-6		
HB2		WASTE HOLDING TANK	C	8407	PU238	5.2E-6		
HB2		WASTE HOLDING TANK	C	8407	AM241	1.1E-5		
HB2		WASTE HOLDING TANK	C	8407	CM244	1.2E-5		
*HB2		WASTE HOLDING TANK	C	8407	TOTAL	3.3E0		
HB2	130101	FUEL BASIN WALLS	C	8407	MN 54	2.1E-4		
HB2	130101	FUEL BASIN WALLS	C	8407	CO 60	4.7E-4		
HB2	130101	FUEL BASIN WALLS	C	8407	SB125	ND		
HB2	130101	FUEL BASIN WALLS	C	8407	CS134	3.1E-2		
HB2	130101	FUEL BASIN WALLS	C	8407	CS137	7.8E-1		
HB2	130101	FUEL BASIN WALLS	C	8407	EU155	2.9E-4		
HB2	130101	FUEL BASIN WALLS	C	8407	FE 55	3.3E-1		
HB2	130101	FUEL BASIN WALLS	C	8407	NI 63	1.0E-2		
HB2	130101	FUEL BASIN WALLS	C	8407	SR 90	3.0E-4		
HB2	130101	FUEL BASIN WALLS	C	8407	TC 99	2.7E-3		
HB2	130101	FUEL BASIN WALLS	C	8407	PU239	3.8E-5		
HB2	130101	FUEL BASIN WALLS	C	8407	PU238	4.2E-4		
HB2	130101	FUEL BASIN WALLS	C	8407	AM241	2.4E-4		
HB2	130101	FUEL BASIN WALLS	C	8407	CM244	1.4E-4		
*HB2	130101	FUEL BASIN WALLS	C	8407	TOTAL	1.2E0		
HB2	130101	FUEL BASIN RACKS	C	8407	MN 54	2.7E-4		
HB2	130101	FUEL BASIN RACKS	C	8407	CO 60	6.6E-2		
HB2	130101	FUEL BASIN RACKS	C	8407	SB125	ND		
HB2	130101	FUEL BASIN RACKS	C	8407	CS134	4.3E-2		
HB2	130101	FUEL BASIN RACKS	C	8407	CS137	1.1E0		
HB2	130101	FUEL BASIN RACKS	C	8407	EU155	1.0E-4		

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HUMBOLDT UNC DDS - RADIONUCLIDE INVENTORY M 192 H

*FAC	SYS/COMP NUMBER	SOURCE MATERIAL DESCRIPTION	A / C	MEASUR EMENT DATE	RADIONUCLIDE NAME	CURIES	CURIES /FT**3	DPM/ 100CM2
HB2	130101	FUEL BASIN RACKS	C	8407	FE 55	4 5E-1		
HB2	130101	FUEL BASIN RACKS	C	8407	NI 63	1 4E-2		
HB2	130101	FUEL BASIN RACKS	C	8407	SR 90	4 1E-4		
HB2	130101	FUEL BASIN RACKS	C	8407	TC 99	3 7E-3		
HB2	130101	FUEL BASIN RACKS	C	8407	PU239	5 1E-5		
HB2	130101	FUEL BASIN RACKS	C	8407	PU238	5 8E-5		
HB2	130101	FUEL BASIN RACKS	C	8407	AM241	3 3E-4		
HB2	130101	FUEL BASIN RACKS	C	8407	CM244	1 9E-4		
*HB2	130101	FUEL BASIN RACKS	C	8407	TOTAL	1 7E0		
HB2	130103	FUEL PIT COOLER	C	8407	MN 54	4 3E-5		
HB2	130103	FUEL PIT COOLER	C	8407	CO 60	1 1E-2		
HB2	130103	FUEL PIT COOLER	C	8407	SB125	ND		
HB2	130103	FUEL PIT COOLER	C	8407	CS134	7 0E-3		
HB2	130103	FUEL PIT COOLER	C	8407	CS137	1 7E-1		
HB2	130103	FUEL PIT COOLER	C	8407	EU155	6 5E-5		
HB2	130103	FUEL PIT COOLER	C	8407	FE 55	7 0E-2		
HB2	130103	FUEL PIT COOLER	C	8407	NI 63	2 2E-3		
HB2	130103	FUEL PIT COOLER	C	8407	SR 90	6 5E-5		
HB2	130103	FUEL PIT COOLER	C	8407	TC 99	5 9E-4		
HB2	130103	FUEL PIT COOLER	C	8407	PU239	8 0E-6		
HB2	130103	FUEL PIT COOLER	C	8407	PU238	9 0E-6		
HB2	130103	FUEL PIT COOLER	C	8407	AM241	5 2E-5		
HB2	130103	FUEL PIT COOLER	C	8407	CM244	3 4E-5		
*HB2	130103	FUEL PIT COOLER	C	8407	TOTAL	2 6E-1		

..... END REPORT .....

3.0 COMPUTER REPORTS

3.5 Project Cost/Exposure Report

This report lists costs, schedules, man-hours, man-rem, both estimated and actual, for each activity or subactivity. This report is the main repository of cost and exposure information for a decommissioning project.

PAGE NO 1
HUMBOLDT UNC DDS - PROJECT COST/EXPOSURE M 194 B

FAC COD	SYS/COMP NUMBER	COST ITEM/ ACTIVITY	LICENSEE WBS	C A T	SCHEDULED START DATE	SCHEDULED COMPL DATE	ESTIMATED MAN HOURS	ESTIMATED COST	ACTUAL MAN REM	ACTUAL START DATE	ACTUAL COMPL DATE	ACTUAL MAN HOURS	ACTUAL COST	ACTUAL MAN REM
HB2	79----4-	PREPARE FOR PLANT DECOMMISSIONING	A---	P	830701	850421	DNA	DNA	DNA					
HB2	79----4-	PRELIMINARY PLANS	A1--	P	830701	830909	DNA	DNA	DNA					
HB2	79----4-	OBTAIN FINANCING	A2--	P	830725	840701	DNA	DNA	DNA					
HB2	79----4-	PREP PRELIMINARY COST ESTIMATES	A2A-	P	830725	830808	DNA	DNA	DNA					
HB2	79----4-	PREP JOB ESTIMATE	A2C1	P	830915	831006	DNA	DNA	DNA					
HB2	79----4-	OBTAIN DECOMMISS PLAN APPROVAL	A3--	P	831015	850421	DNA	103890	DNA					
HB2	79----4-	PREP DECOMMISS PLAN INTERNALLY	A3AE	P	831015	840303	DNA	NOTE 1	DNA					
HB2	79----4-	OBTAIN NRC APPROVAL - DECOMMISS PLAN	A3F-	P	840421	850421	DNA	NOTE 1	DNA					
HB2	79----4-	PREP ENV ASESS APPL	A4--	P	840107	850421	DNA	DNA	DNA					
HB2	79----4-	PREP ENV ASSESS APP INTERNALLY	A4AB	P	840107	850225	DNA	DNA	DNA					
HB2	79----4-	OBTAIN NRC APPROVAL - ENV ASSESS APPL	A4C-	P	840421	850421	DNA	DNA	DNA					
HB2	79----4-	OBTAIN LICENSE AMEND	A5--	P	840107	850421	DNA	428400	DNA					
HB2	79----4-	PREP LICENSE AMEND INTERNALLY	A5AB	P	840107	840225	DNA	NOTE 2	DNA					
HB2	79----4-	OBTAIN NRC APPROVAL - LICENSE AMEND	A5C-	P	840421	850421	DNA	NOTE 2	DNA					
HB2	79----	PRELIMINARY WORK	B---	P	830701	840914	DNA	DNA	DNA					
HB2	79----SF	CONDUCT SITE SURVEY	B1--	P	830701	831202	DNA	DNA	DNA					
HB2	79----SF	DETAILED RAD/CONT SURVEYS	B1A-	P	830701	831104	DNA	DNA	DNA					
HB2	79----SF	CHARACTERIZE ACTVTY	B1B-	P	831104	831201		DNA	DNA					
HB2		PERF PERSONNEL TRNG	B2--	P	830701	840128	160	2530	DNA					
HB2		PERFORM DECOMM (GEN) /PROJ MGMT TRAING	B2A-	P	830701	830916		NOTE 3	DNA					
HB2		PERFORM FUEL HDLING (OPERS) TRAINING	B2B-	P	840101	840129		NOTE 3	DNA					
HB2		PERFORM PLANT/DECOMM ALARA PERSONNEL TRAINING	B2C-	P	840107	840204		NOTE 3	DNA					
HB2		DEVELOP PRELIMINARY EXPOSURE ESTIMATES	B3--	P	840107	840303	DNA	DNA	DNA					
HB2	010120GE	UNLOAD REACTOR CORE	B4--	P	831010	840401	512	15240	DNA					
HB2	130101GI	PREPARE SFP	B4A-	P	831010	831203		NOTE 4	DNA					
HB2		PREPARE PROCEDURES/ EQUIPMENT	B4B-	P	831203	831231		NOTE 4	DNA					
HB2	GJ	REMOVE HEADS/INST EXT TANK	B4C-	P	840101	840115		NOTE 4	DNA					
HB2		CHECK FUEL HDLG TOOLS/SYSTEMS	B4D-	P	840115	840122		NOTE 4	DNA					
HB2		MOVE FUEL & SOURCES	B4E-	P	840122	840304		NOTE 4	DNA					

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HUMBOLDT UNC DDS - PROJECT COST/EXPOSURE M 194 B

*FAC *COD	SYS/COMP NUMBER	COST ITEM/ ACTIVITY	LICENSEE WBS	C A T	<-SCHEDULED-> START DATE	COMPL DATE	<--- ESTIMATED ---> MAN HOURS	COST	MAN REM	<-------- A C T U A L ----------> START DATE	COMPL DATE	MAN HOURS	COST	MAN REM
*		TO SFP												
HB2	GJ	REMOVE/DECON RX EXT TANK	B4F-	P	840304	840311		NOTE 4	DNA					
HB2		RETURN NEW FUEL TO VENDOR	B4G-	P	840311	840401		NOTE 4	DNA					
HB2	G-	OBTAIN SERVICE CONTR	B5--	P	840201	850101	DNA	DNA	DNA					
HB2	G-	RAD WASTE SOLIDIFI-CATION	B5A-	P	840201	840502	DNA	DNA	DNA					
HB2	G-	RAD WASTE BROKER	B5B-	P	840201	840502	DNA	DNA	DNA					
HB2	G-	CONSULTING SERVICES	B5C-	P	840201	840502	DNA	DNA	DNA					
HB2	G-	TECHNICAL SERVICES	B5D-	P	840201	840502	DNA	DNA	DNA					
HB2	G-	CHEM DECON SERVICES	B5E-	P	840201	840502	DNA	DNA	DNA					
HB2	G-	CONSTRUCTION CONTR	B5F-	P	841001	850101	DNA	DNA	DNA					
HB2		LAYUP/SECURE PLANT SYSTEMS/EQUIPMENT	C---	P	831107	851129	DNA	DNA	DNA					
HB2		PREP DETAILED WORK PROCEDURES	C1--	P	831107	850306	DNA	DNA	DNA					
HB2	0101--	REACTOR VESSEL	C2--	P	840315	840628	DNA	DNA	DNA					
HB2	0101--GI	LAYUP REACTOR VESSEL	C2A-	P	840315	840628	1744	113980	DNA					
HB2		REACTOR AUX SYSTEM	C3--	P	840310	840712		NOTE 5	DNA					
HB2	06----GI	LAYUP CLEANUP SYSTEM	C3A-	P	840510	840607	616	14620	DNA					
HB2	07----GI	LAYUP SHUTDOWN SYS	C3B-	P	840607	840621	168	3130	DNA					
HB2	10----GI	LAYUP CONTROL ROD SYSTEM	C3C-	P	840310	840324	80	2700	DNA					
HB2	GI	LAYUP POISON SYSTEM	C3D-	P	840310	840331	192	4280	DNA					
HB2	GI	LAYUP CCW SYSTEM	C3E-	P	840607	840712	448	8470	DNA					
HB2		ENGINEERED SAF SYS	C4--	P	840310	840922		NOTE 6	DNA					
HB2	GI	LAYUP CORE SPRAY SYSTEM	C4A-	P	840901	840922	288	6560	DNA					
HB2	GI	LAYUP LOW-PRESSURE CORE FLOODING SYS	C4B-	P	840523	840606	200	4980	DNA					
HB2	GI	LAYUP VENT VALVES	C4C-	P	840315	840322	40	1900	DNA					
HB2	36----GI	LAYUP EMERGENCY CONDENSER	C4D-	P	840624	840631	120	2500	DNA					
HB2	GI	LAYUP GAS TREATMENT SYSTEM	C4E-	P	840310	840317	80	2580	DNA					
HB2	010117GI	LAYUP DRYWELL	C4F-	P	840324	840331	104	3510	DNA					
HB2	7030--GI	LAYUP SUPPRESSION CHAMBER	C4G-	P	840713	840831	696	32570	DNA					
HB2		STEAM/FEEDWATER SYS	C5--	P	840705	850103		NOTE 7	DNA					
HB2	03----GI	LAYUP MAIN STEAM SYSTEM	C5A-	P	840705	850712	200	13570	DNA					
HB2	GI	LAYUP SJAE/GLAND SEAL/VACUUM PUMP SYSTEM	C5B-	P	840712	840726	248	14400	DNA					
HB2	24----GI	LAYUP TURBINES	C5C-	P	840802	840809	104	3640	DNA					
HB2	GI	LAYUP BYPASS VALVES	C5D-	P	840726	840802	8	120	DNA					
HB2	25----GI	LAYUP CONDENSER	C5E-	P	840802	841011	720	27450	DNA					
HB2	GI	LAYUP CONDENSATE	C5F-	P	841011	841122	520	10790	DNA					

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*FAC COD	SYS/COMP NUMBER	COST ITEM/ ACTIVITY	LICENSEE WBS	C A T	<-SCHEDULED-> START DATE	COMPL DATE	<--- ESTIMATED ---> MAN HOURS	COST	MAN REM	<-------- A C T U A L ----------> START DATE	COMPL DATE	MAN HOURS	COST	MAN REM
HB2	2703--GI	LAYUP FEEDWATER HTR	C5G-	P	841122	841213	280	5570	DNA					
HB2	27----GI	LAYUP FEEDWATER SYS	C5H-	P	841213	850103	288	7280	DNA					
HB2	GI	LAYUP DEMINERALIZER /STRAINERS/REGENER SYSTEM	C5I-	P	841124	841213	160	5880	DNA					
HB2		ELECTRICAL SYSTEMS	C6--	P	840201	851129	648	32970	DNA					
HB2		AC ELECTRIC SYSTEMS	C6A-	P	851101	851108		NOTE 8	DNA					
HB2		DC ELECTRIC SYSTEMS	C6B-	P	851101	851129		NOTE 8	DNA					
HB2		GENERATOR/EXCITER	C6C-	P	840201	840208		NOTE 8	DNA					
HB2		INSTRUMENTATION SYS	C6D-	P	851101	851108		NOTE 8	DNA					
HB2		MISC SYS	C7--	P	840423	850618		NOTE 8	DNA					
HB2		INTAKE STRUCTURES	C7A-	P	840423	840514	376	11280	DNA					
HB2		CONDENSER (SW SIDE)	C7B-	P	850501	850508	16	830	DNA					
HB2		OFF-GAS LINE & FILT	C7C-	P	850521	850618	320	10170	DNA					
HB2	GD	SYSTEM MODIFICATION	D---	P	840201	851031		NOTE 9	DNA					
HB2		VENTILATION SYSTEM	D1--	P	840705	850513	1880	38020	DNA					
HB2		PREPARE DCR/ORDER MATERIALS-VENTIL SYS	D1A-	P	840705	841122		NOTE 10	DNA					
HB2	GD	MODIFY VENTIL SYS	D1B-	P	841224	850513		NOTE 10	DNA					
HB2		SFP SYSTEM	D2--	P	840515	851031	1896	146240	DNA					
HB2		PREPARE DCR/ORDER MATERIALS-SFP SYS	D2A-	P	840515	841002		NOTE 11	DNA					
HB2	GD	MODIFY SFP SYSTEM	D2B-	P	850501	851031		NOTE 11	DNA					
HB2		SECURITY SYSTEM	D3--	P	840605	850815	1440	69550	DNA					
HB2		PREP/APPROVE DCR-SECURITY SYSTEM	D3A-	P	840605	840918		NOTE 12	DNA					
HB2	GD	MODIFY SECURITY SYSTEM	D3B-	P	850321	850815		NOTE 12	DNA					
HB2		FIRE PROTECTION SYST	D4--	P	850421	850616	192	11140	DNA					
HB2		PREP/APPROVE DCR FIRE PROTECTION SYSTEM	D4A-	P	850421	850512		NOTE 13	DNA					
HB2	GD	MODIFY FIRE PROT SYSTEM	D4B-	P	850512	850616		NOTE 13	DNA					
*HB2		RADWASTE SYSTEM- LIQ	D5--	P	840201	850903	1840	212730	DNA					
HB2		PREPARE DCR/ORDER MATERIALS-LIQUID RADWASTE SYSTEM	D5A-	P	840201	840620		NOTE 14	DNA					
HB2	GD	MODIFY LIQUID RAD WASTE SYSTEM	D5B-	P	850507	850903		NOTE 14	DNA					
HB2		RADWASTE SYTSEM-SOL	D6--	P	850107	850924	160	5090	DNA					
HB2		PREP/APPROVE DCR-SOLID RADWASTE SYSTEM	D6A-	P	850107	850204		NOTE 15	DNA					
HB2	GD	MODIFY SOLID RAD WASTE SYSTEM	D6B-	P	850507	850924		NOTE 15	DNA					
HB2		OPERATING INSTRUMENT -ATION	D7--	P	850321	850906	80	31000	DNA					

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HUMBOLDT UNC DDS - PROJECT COST/EXPOSURE M 194 B

*FAC COD	SYS/COMP NUMBER	COST ITEM/ ACTIVITY	LICENSEE WBS	C A T	<-SCHEDULED-> START DATE	COMPL DATE	<--- ESTIMATED ---> MAN HOURS	COST	MAN REM	<-------- A C T U A L ----------> START DATE	COMPL DATE	MAN HOURS	COST	MAN REM
HB2		PREP DCR/ORDER MATERIALS-OPERATE INSTRUMENTATION	D7A-	P	850321	850808		NOTE 16	DNA					
HB2	GD	MODIFY OPERATING INSTRUMENTATION SYSTEM	D7B-	P	850808	850906		NOTE 16	DNA					
HB2		INST/SERVICE AIR/ DEMIN WATER	D8--	P	850101	850728	320	11070	DNA					
HB2		PREP DCR/OBTAIN MATERIALS-INST/ SERVICE AIR/ DEMIN WATER SYSTEMS	D8A-	P	850101	850129		NOTE 17	DNA					
HB2	GD	MODIFY INST/ SERVICE AIR/ DEMIN WATER SYSTEMS	D8B-	P	850623	850728		NOTE 17	DNA					
HB2		N2 BLANKET-TURBINE	D9--	P	840210	840931	240	15440	DNA					
HB2		PREP DCR/OBTAIN MATERIALS-N2 BLANKET FOR TURBINE	D9A-	P	840210	840330		NOTE 18	DNA					
HB2	GD	MODIFY SYSTEM- N2 BLANKET FOR TURBINE	D9B-	P	840910	840931		NOTE 18	DNA					
HB2	D-	DECON/SECURE PLANT AREAS	E---	P	840507	851018		NOTE 19	DNA					
HB2	77----D-	DECON/SECURE REFUEL	E1--	P	841105	850401	1632	37790	DNA					
HB2	7034--D-	BUILDING & ACCESS SHAFT												
HB2	D-	DECON/SECURE COND	E2--	P	850105	850202	240	5560	DNA					
HB2		DEMIN & REGEN ROOMS												
HB2	D-	DECON/SECURE AIR EJECTOR & COND PUMP ROOMS	E3--	P	850401	850429	240	5560	DNA					
HB2	D-	DECON/SECURE PIPE TUNNEL/VALVE GAL/ COND AREA	E4--	P	850429	850624	664	14970	DNA					
HB2	75----D-	DECON/SECURE HOT SHOP/CALIB FACILITY	E5--	P	850725	850829	168	3930	DNA					
HB2	D-	DECON/SECURE TURBINE ENCLOSURE & WASHDOWN AREA	E6--	P	850624	850722	120	2840	DNA					
HB2	D-	DECON/SECURE HOT LAB & LAUNDRY	E7--	P	850829	850926	DNA	660	DNA					
HB2	D-	DECON/SECURE YARD & DRAINS	E8--	P	840507	850707	1000	19900	DNA					
HB2	D-	DECON/SECURE RAD WASTE FACILITIES	E9--	P	850823	851018	520	11800	DNA					

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*FAC *COD	SYS/COMP NUMBER	COST ITEM/ ACTIVITY	LICENSEE WBS	C A T	<-SCHEDULED-> START DATE	COMPL DATE	<--- ESTIMATED ---> MAN HOURS	COST	MAN REM	<-------- A C T U A L ----------> START DATE	COMPL DATE	MAN HOURS	COST	MAN REM
HB2		RADIOACTIVE WASTE DISPOSAL	F---	P	840208	851101	DNA	NOTE 20	DNA					
HB2		ANALYZE WASTES	F1--	P	840208	850301	DNA	531760	DNA					
HB2		LABORATORY ANALYSIS-RAD WASTES	F1A-	P	840208	840508	DNA	NOTE 21	DNA					
HB2		PREPARE QC PROGRAM-WASTE ANALYSIS	F1B-	P	840510	840607	DNA	NOTE 21	DNA					
HB2		PROCESS LIQUID WASTE	F2--	P	840501	850901	0	1631550	DNA					
HB2		SPECIAL PROCESS WASTES	F3--	P	840501	850501	1816	574530	DNA					
HB2		SOLID WASTES	F4--	P	840501	851101		NOTE 22	DNA					
HB2		HIGH LEVEL VAULTS-SOLID WASTES	F4A-	P	840918	841030	240	431980	DNA					
HB2	130101	FINAL SFP CLEANUP	F4B-	P	840501	840918	240	700480	DNA					
HB2		YARD DECON	F4C-	P	840501	850918	160	752830	DNA					
HB2		MISCELLANEOUS PLANT TRASH	F4D-	P	840501	851101	80	561170	DNA					
HB2		ESTABLISH SAFSTOR MODE	G---	P	840421	851129	DNA	DNA	DNA					
HB2		PREP/IMPLEMENT PROGM	G1--	P	840421	850519	DNA	DNA	DNA					
HB2		PREP/IMPLEMENT ENVIR MONITORING PROGRAM	G1A-	P	850421	850505	DNA	DNA	DNA					
HB2		PREP/IMPLEMENT PLANT SURVEILLANCE	G1B-	P	850421	850505	DNA	DNA	DNA					
HB2		PREP/IMPLEMENT PREVENTIVE MAINT PROGRAM	G1C-	P	850421	850505	DNA	DNA	DNA					
HB2		PREP/IMPLEMENT TRAINING PROGRAM	G1D-	P	850421	850519	DNA	DNA	DNA					
HB2	SF	FINAL RADIATION SURVEY	G2--	P	851101	851129	DNA	DNA	DNA					
HB2		REVISE SECURITY PLAN	G3--	P	840421	850607	DNA	DNA	DNA					
HB2		REVISE EMERG PLAN	G4--	P	840421	840519	DNA	DNA	DNA					
HB2		CONCLUDE PROJECT	H---	P	830701	851231	DNA	DNA	DNA					
HB2		FINAL JOB EST - ACCOUNTING	H1--	P	851201	851231	DNA	DNA	DNA					
HB2		FINAL DECOMMISSION REPORT	H2--	P	851201	851231	DNA	DNA	DNA					
HB2		COMPLETE PROJECT	H3--	P	830701	851231	DNA	DNA	DNA					
		PREPARATIONS FOR SAFSTOR					2 45E4	6 7E6						
HB2	70	INSTALL HEPA FILTERS		D	15		1200	DNA	048					
HB2	70 S	RADIATION SURVEY		D	15		40	DNA	0029					
HB2	70 GJ	REMOVE DRYER & SEPARATOR		D	15		600	DNA	3 0					
HB2	70	CHEM DECON RX WATER CLEANUP SYSTEMS		D	15		200	DNA	094					
HB2	70	ENLARGE SUP CHAMBER		D	15		190	DNA	034					

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*		ACCESS												
HB2	70 GJ	REMOVE RPV		D	15		1200	DNA	6.0					
HB2	70 GJ	REMOVE PRIMARY CONT		D	15		4000	DNA	2.9					
*		PIPING & EQUIP												
HB2	70 GJ	REMOVE CONT CONC		D	15		1500	DNA	.27					
*		PRIMARY CONTAIN												
HB2	70 GJ	REMOVE HVAC & ELEC		D	15		200	DNA	.036					
*		SYS PRIMARY CONTAIN												
HB2	70	CHEM DECON RHRS &		D	15		200	DNA	.072					
*		CORE SPRAY SYS												
HB2	70 GJ	REMOVE RX BLDG		D	15		5500	DNA	2.0					
*		PIPING												
HB2	70	CHEM DECON DRAIN SYS		D	15		200	DNA	.0072					
HB2	70	DRAIN SFP & WATERJET		D	15		50	DNA	.05					
*		CLEAN												
HB2	70	CHEM DECON SFP CLEAN		D	15		30	DNA	.03					
*		UP SYS												
HB2	70 GJ	REMOVE RX BLDG EQUIP		D	15		5000	DNA	36					
HB2	70 GJ	REMOVE SFP LINER		D	15		800	DNA	8					
HB2	70 GJ	REMOVE RX BLDG CONT		D	15		900	DNA	16					
*		CONC												
HB2	70 GJ	REMOVE RX BLDG ELEC		D	15		900	DNA	16					
*		SYS & HVAC												
HB2	70 S	FINAL RAD SURVEY RX		D	15		40	DNA	.0014					
*		BLDG												
HB2	72	INSTALL HEPA FILTERS		D	15		3400	DNA	12					
HB2	72 S	RAD SURVEY		D	15		40	DNA	.0029					
HB2	72	CLEANUP & STAGING		D	15		300	DNA	.022					
HB2	72 GJ	REMOVE TURBINE		D	15		1700	DNA	12					
HB2	72 GJ	REMOVE CONDENSER		D	15		8000	DNA	29.0					
HB2	72 D-	DECON DRAIN SYS		D	15		200	DNA	.0072					
HB2	72 GJ	REMOVE PIPING		D	15		15000	DNA	2.7					
HB2	72 GJ	REMOVE EQUIP		D	15		3000	DNA	54					
HB2	72 GJ	REMOVE CONTAM CONC		D	15		1000	DNA	036					
HB2	72 GJ	REMOVE HVAC & ELEC		D	15		280	DNA	.0086					
*		SYS												
HB2	72 S	FINAL RAD SURVEY		D	15		20	DNA	.0007					
HB2	73 S	RAD SURVEY		D	15		30	DNA	.011					
HB2	73	GENERAL CLEANUP		D	15		100	DNA	.059					
HB2	73 D-	DECON DRAIN SYS		D	15		200	DNA	.0072					
HB2	73 D-	DECON EQUIP & WATER		D	15		150	DNA	.27					
*		JET CLEANUP												
HB2	73 GJ	REMOVE PIPING		D	15		15000	DNA	5.4					
HB2	73	INSTALL TEMP RAD		D	15		40	DNA	.0029					
*		WASTE SYS												
HB2	73 GJ	REMOVE EQUIP		D	15		6800	DNA	4.9					
HB2	73----GJ	REMOVE CONTAM CONC		D	15		1500	DNA	.16					
HB2	73----GJ	REMOVE MISC STEEL		D	15		250	DNA	.018					
*		STRUCT												

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HUMBOLDT UNC DDS - PROJECT COST/EXPOSURE M 194 B

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HB2	73----GJ	REMOVE HVAC & ELEC SYS		D	15		1000	DNA	18					
HB2	73----S	FINAL RAD SURVEY		D	15		30	DNA	0011					
HB2		OPERATE RADWASTE SYS		D	15		300	DNA	54					
HB2		ROUTINE RAD SURVEYS		D	15		720	DNA	052					
HB2		PACKAGE DRY SOLID WASTE		D	15		1500	DNA	11					
HB2		MISC WASTE PROCESS		D	15		DNA	DNA	2 2					
HB2		FUEL HANDLING		D	15		DNA	DNA	6 0					
HB2		LSA SHIP-DRIVERS		D	15		DNA	DNA	0 95					
HB2		LSA SHIP-GARAGEMEN		D	15		DNA	DNA	0047					
HB2		HSA SHIP-DRIVERS		D	15		DNA	DNA	3 7					
HB2		HSA SHIP-GARAGEMEN		D	15		DNA	DNA	0 2					
		DELAYED DECON					8 3E5		73 35					
HB2		RADWASTE TK SEDIMENT REMOVAL		P						821207	830124	DNA	DNA	0 845
HB2		NON DESTRUCTIVE EXAM RADWASTE TKS		P						830120	830125	DNA	DNA	0 440
HB2	GJ	REMOVE PB SHIELD VALVE GALLERY		P						830110	830113	DNA	DNA	0 495
HB2		RESTORE/PAINT TBDT ROOM		P						821122	830110	DNA	DNA	3 825
HB2		CWT HEATING,MIXING & SAMPLING		P						830202	830315	DNA	DNA	0 705
HB2		INSULATION SEALING		P						830209	830330	DNA	DNA	0 760
HB2		-66FT KEYLOCK INSTALLED		P						830222	830225	DNA	DNA	0 230
HB2		REPAIR CONCENTRATOR STEAM LEAK		P						830224	830224	DNA	DNA	0 190
HB2		SAMPLE VAULT FILTER		P						830406	830406	DNA	DNA	0 210
HB2		INSTALL LWT FILTER		P						830714	830719	DNA	DNA	0 115
HB2		CLEANUP PUMP GAUGES		P						830720	830722	DNA	DNA	0 145
HB2		TBDT PUMP CONTROLS		P						830719	830720	DNA	DNA	0 065
HB2		SFP ITEM INSPECTION & SAMPLE		P						830726	830726	DNA	DNA	0 350
HB2		INSTALL CONCENTRATOR COOLING WATER FLOW METER		P						830726	830727	DNA	DNA	0 140
HB2		STACK PLATFORM WORK		P						830720	830816	DNA	DNA	0 115
HB2		NO 1 PLANT FAN OVER-HAUL		P						830720	830830	DNA	DNA	0 135
HB2	S	PLANT SURVEYS		P						830819	831216	DNA	DNA	0 835
HB2		NO 2 PLANT FAN OVER-HAUL		P						830906	831020	DNA	DNA	0 180
HB2		SFP CLEANUP		P						830908	831020	DNA	DNA	4 755
HB2		LOAD CASK NO 1		P						831006	831010	DNA	DNA	0 890
HB2		LOAD CASK NO 2		P						831020	831024	DNA	DNA	0 560

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HB2		LOAD CASK NO 3		P						831024	831116	DNA	DNA	0 835
HB2		VACUUM POOL		P						831124	831218	DNA	DNA	0 390
HB2		CONVERT RESIN STOR-		P						831213	840217	DNA	DNA	0 425
*		AGE TK TO LAUNDRY TK												
HB2	GJ	REMOVE SHIELD PLUGS		P						840103	840113	DNA	DNA	0 515
*		& REACTOR HEAD												
HB2		FUEL HANDLING TRAIN-		P						840113	840128	DNA	DNA	0 720
*		ING												
HB2		FUEL UNLOADING		P						840124	840314	DNA	DNA	3 075
HB2		OPEN LOWER DRYWELL		P						840224	840224	DNA	DNA	0 245
HB2		INSPECT & SURVEY		P						840227	840227	DNA	DNA	0 100
*		DRYWELL												
HB2		CLEANUP LOWER DRY-		P						840229	840301	DNA	DNA	0 480
*		WELL												
HB2		LOWER DRYWELL DIS-		P						840302	840307	DNA	DNA	1 235
*		CONNECT INCORES												
HB2		VACUUM RPV BOTTOM		P						840316	840321	DNA	DNA	1 190
HB2		UPGRADE CONC STEAM		P						840308	840409	DNA	DNA	1 450
*		LINE												
HB2		INSTALL REACTOR		P						840322	840329	DNA	DNA	0 910
*		DRYWELL HEADS &												
*		SHIELD PLUG												
HB2		DRAIN RPV		P						840402	840516	DNA	DNA	0 375
HB2	S	CORE DRILLING FOR		P						840531	840614	DNA	DNA	0 200
*		SOIL CONTAMINATION												
*		SURVEY												
HB2	GJ	REMOVE & SEAL		P						841008	841023	DNA	DNA	0 930
*		INSULATION												
HB2		LAYUP VENT VALVES		P						841016	841023	DNA	DNA	0 045
HB2		SAMPLE & SURVEY HIGH		P						841017	841023	DNA	DNA	2 330
*		LEVEL VAULTS												
HB2		LAYUP BYPASS VALVES		P						841026	841101	DNA	DNA	0 045
HB2		STORE CLEANUP LINE		P						841031	841031	DNA	DNA	0 310
*		PIECES IN CLEAN UP												
*		DEMIN ROOM												
HB2		WASHDOWN CLEANUP &		P						841106		DNA	DNA	0 800
*		12' EL AREAS												
HB2		DISMANTLE NO 3 AIR		P						841114	841204	DNA	DNA	0 095
*		HANDLING UNIT												
HB2		LAYUP HYD SYS		P						841120		DNA	DNA	0 575
HB2		DISCARD FEEDWATER		P						841128		DNA	DNA	0 165
*		HEATER TUBE BUNDLES												
HB2	S	SURVEY FUEL ELEMENTS		P						841129	841203	DNA	DNA	0 080
HB2		MOVE SPENT FUEL IN		P						841201	841206	DNA	DNA	0 195
*		SFP												
*		----------												------
*		PREPARATIONS FOR SAFSTOR												35 7

PAGE NO 9
HUMBOLDT UNC DDS - PROJECT COST/EXPOSURE M 194 B

*FAC COD	SYS/COMP NUMBER	COST ITEM/ ACTIVITY	LICENSEE WBS	A T	<-SCHEDULED-> START DATE	COMPL DATE	<--- ESTIMATED ---> MAN HOURS	COST	<-------- A C T U A L ----------> MAN REM	START DATE	COMPL DATE	MAN HOURS	COST	MAN REM

NOTE 1- MAN-HOUR & COST DATA INCLUDED IN LICENSEE WBS A3
NOTE 2- COST DATA INCLUDED IN LICENSEE WBS A5
NOTE 3- MAN-HOUR & COST DATA INCLUDED IN LICENSEE WBS B2
NOTE 4- MAN-HOUR & COST DATA INCLUDED IN LICENSEE WBS B4
NOTE 5- MAN-HOUR & COST DATA ITEMIZED IN LICENSEE WBS C3A THROUGH C3E
NOTE 6- MAN-HOUR & COST DATA ITEMIZED IN LICENSEE WBS C4A THROUGH C4G
NOTE 7- MAN-HOUR & COST DATA ITEMIZED IN LICENSEE WBS C5A THROUGH C5I
NOTE 8- MAN-HOUR & COST DATA INCLUDED IN LICENSEE WBS C6
NOTE 9- MAN-HOUR & COST DATA ITEMIZED IN LICENSEE WBS D1 THROUGH D9
NOTE 10- MAN-HOUR & COST DATA INCLUDED IN LICENSEE WBS D1
NOTE 11- MAN-HOUR & COST DATA INCLUDED IN LICENSEE WBS D2
NOTE 12- MAN-HOUR & COST DATA INCLUDED IN LICENSEE WBS D3
NOTE 13- MAN-HOUR & COST DATA INCLUDED IN LICENSEE WBS D4
NOTE 14- MAN-HOUR & COST DATA INCLUDED IN LICENSEE WBS D5
NOTE 15- MAN-HOUR & COST DATA INCLUDED IN LICENSEE WBS D6
NOTE 16- MAN-HOUR & COST DATA INCLUDED IN LICENSEE WBS D7
NOTE 17- MAN-HOUR & COST DATA INCLUDED IN LICENSEE WBS D8
NOTE 18- MAN-HOUR & COST DATA INCLUDED IN LICENSEE WBS D9
NOTE 19- MAN-HOUR & COST DATA ITEMIZED IN LICENSEE WBS E1 THROUGH E9
NOTE 20- COST DATA INCLUDED IN LICENSEE WBS F1 THROUGH F4D
NOTE 21- COST DATA INCLUDED IN LICENSEE WBS F1
NOTE 22- COST DATA ITEMIZED IN F4A-F4D

----- END REPORT -----

3.0 COMPUTER REPORTS

3.6 Dose Rate and Contamination Report

This report records dose rates at locations throughout the facility prior to decommissioning relative to a reference map, elevation, and a system/component number. Both upper and lower limits of dose rate or contamination level are listed in addition to the type of measurement.

PAGE NO 1
HUMBOLDT UNC DDS - DOSE RATE M 192 G

*FAC *COD	MAP REFERENCE	BUILDING	ELEV FEET	MAP COORD	SYS/COMP NUMBER	TYP	<-- MR/HR --> LOWER	UPPER	DPM/100CM**2 LOWER	UPPER	MEASUR DATE	COMMENT
HB2		REFUELING	+12		77------	GEN	1	2	1000	100000	8401	REFUELING BUILDING (GENERAL)
HB2		REFUELING	+12		1002----			7			8401	CRD SYSTEM HYDRAULIC PUMPS
HB2		REFUELING	+12				15				8401	WASHDOWN AREA
HB2		REFUELING	+12		130101--	GEN	4	5			8401	SPENT FUEL POOL AREA
HB2		REFUELING	+12				10				8401	SCUPPERS - SOUTH CORNER OF SFP AREA
HB2		REFUELING	+12		0310----	CON	10	20			8401	STEAM PIPING - REACTOR TO EMERG CONDENSER
HB2		REFUELING	+12		0310----	CON	5	15			8401	STEAM PIPING - CONDENSATE RETURN LINES
HB2		REFUELING	+12		0806----	CON	5	10			8401	LOW PRESSURE CORE FLOODING LINE NEAR NW AIRLOCK (TOP)
HB2		REFUELING	+12		0806----	CON	10	20			8401	LOW PRESSURE CORE FLOODING LINE NEAR NW AIRLOCK (BOTTOM)
HB2		REFUELING	-02		7034----	GEN	1	2	1000	2000	8401	ACCESS SHAFT
HB2		REFUELING	-02			CON	7				8401	DOOR TO CLEAN-UP HX ROOM & REACTOR WATER SAMPLE STATION
HB2		REFUELING	-02			CON	18				8401	HOT LINE NEAR NORTH SIDE/EAST END OF AREA
HB2		REFUELING	-02		0806----	CON	5	10			8401	VERTICAL RUN - LOW PRESSURE CORE FLOODING LINE
HB2		REFUELING	-02		06------	GEN	100	1200	2000	5000	8401	CLEAN-UP HEAT EXCHANGER ROOM
HB2		REFUELING	-02		06------	CON	600	1800			8401	OLD HEAT EXCHANGERS
HB2		REFUELING	-02		06------	CON	500	800			8401	NEW HEAT EXCHANGERS
HB2		REFUELING	-02		06------	CON	1000	2200			8401	HEAT EXCHANGER INLET LINES
HB2		REFUELING	-02		06------	CON	200	900			8401	HEAT EXCHANGER OUTLET LINES
HB2		REFUELING	-14		7034----	GEN	1	2	1000	2000	8401	ACCESS SHAFT
HB2		REFUELING	-14			CON		14			8401	GATE TO HYDRAULIC SYSTEM FILTERS
HB2		REFUELING	-14		0806----	CON	4	8			8401	WEST END OF AREA - LOW PRESSURE CORE FLOODING PIPING
HB2		REFUELING	-14		0806----	CON	30	50			8401	TOP OF LOW PRESSURE CORE FLOODING PIPE
HB2		REFUELING	-14		0806----	CON	100	300			8401	BOTTOM OF LOW PRESSURE CORE FLOODING PIPE
HB2		REFUELING	-14		0806----	CON	240				8401	PIPING ELBOW AT FLOOR LEVEL W/PB SHIELDING
HB2		REFUELING	-14		0902----	GEN	50	300	1000	10000	8401	SHUTDOWN HEAT EXCHANGER ROOM
HB2		REFUELING	-14		0806----	CON	3000				8401	LOW PRESSURE CORE FLOODING LINE CONNECTION
HB2		REFUELING	-14		0901----	GEN	100	200			8401	SHUTDOWN PUMP SUCTION LINE (TOP)
HB2		REFUELING	-14		0901----	GEN	200	300			8401	SHUTDOWN PUMP SUCTION LINE (BOTTOM)
HB2		REFUELING	-14		0901----		50	100			8401	PUMP DISCHARGE LINES (TOP)
HB2		REFUELING	-14		0901----		100	200			8401	PUMP DISCHARGE LINES (BOTTOM)
HB2		REFUELING	-14				100	200			8401	VALVES TO/FROM HEAT EXCHANGER
HB2		REFUELING	-14				40	60			8401	HEAT EXCHANGER SHELLS (W/INSULATION)
HB2		REFUELING	-14		0806----		400	1600			8401	LOW PRESSURE CORE FLOODING LINE (TOP)
HB2		REFUELING	-14		0806----		1000	3000			8401	LOW PRESSURE CORE FLOODING LINE (BOTTOM)
HB2		REFUELING	-24		7034----		1		1000	2000	8401	ACCESS SHAFT
HB2		REFUELING	-24				50				8401	HOT LINE (NORTH SIDE/EAST END)
HB2		REFUELING	-34		7034----		1	2	1000	2000	8401	ACCESS SHAFT
HB2		REFUELING	-44		7034----		5	10	1000	5000	8401	ACCESS SHAFT (SHINE EFFECT)
HB2		REFUELING	-54		7034----	GEN	10	20	4000	50000	8401	ACCESS SHAFT (SHINE FROM CRD ACCUMULATORS)
HB2		REFUELING	-54		1012----	GEN	20	100			8401	CRD HYDRAULIC SYSTEM ACCUMULATOR PIPING
HB2		REFUELING	-54		1011----	CON		1200			8401	ACCUMULATORS
HB2		REFUELING	-66		7034----	GEN	10	20	3000	8000	8401	ACCESS SHAFT (SHINE CRD HYD SYSTEM LINES)
HB2		REFUELING	-66			CON	60				8401	CRD HYDRAULIC SYSTEM LINES
HB2		REFUELING	-66		7034----	GEN	50	500	80000		8401	ACCESS SHAFT (WEST WING, NEAR CLEAN-UP PUMP)
HB2		REFUELING	-66		0601----	CON	800	1400			8401	CLEAN-UP PUMP AND LINES

PAGE NO. 2
HUMBOLDT UNC DDS - DOSE RATE M 192 G

*FAC *COD	MAP REFERENCE	BUILDING	ELEV FEET	MAP COORD	SYS/COMP NUMBER	TYP	<-- MR/HR --> LOWER	UPPER	DPM/100CM**2 LOWER	UPPER	MEASUR DATE	COMMENT
HB2		REFUELING	-66			CON	700				8401	SCRAM DUMP TANK
HB2		REFUELING	-66		7034----	GEN	20	4.	10000		8401	ACCESS SHAFT (UNDER THE REACTOR)
HB2		REFUELING	0						2000		8401	FUEL STORAGE AREA
HB2		REFUELING	0		130111--	GEN	5	10	5000		8401	NEW FUEL STORAGE ROOM
HB2		REFUELING	0				15	20			8401	SPENT FUEL POOL COOLERS PIPING (SOUTH WALL)
HB2		REFUELING	-14		7203----	GEN	10	20	1000	10000	8401	TURBINE BUILDING DRAIN TANK AREA
HB2		REFUELING	-14		7203----		30	50			8401	TURBINE BUILDING DRAIN TANK AND PIPING
HB2		REFUELING	-2 5		010117--	GEN	20	50			8401	UPPER DRYWELL (VESSEL FLANGE)
HB2		REFUELING	-30		010117--	GEN	20	20000			8401	MID DRYWELL (AT CORE ELEVATION)
HB2		REFUELING	-40		010117--	GEN	1000				8401	LOWER DRYWELL (CRD AREA)
HB2		REFUELING	-50		010117--	GEN	150	200			8401	LOWER DRYWELL (OUTSIDE CRD)
HB2		POWER			1713----	GEN	30	40			8401	CONDENSATE DEMINERALIZER CUBICLE
HB2		POWER				CON	100	700	1000		8401	DEMINERALIZER TANKS
HB2		POWER			1713----	GEN	50		10000		8401	CONDENSATE DEMINERALIZER REGENERATION RM
HB2		POWER				CON	100				8401	DEMINERALIZER REGENERATION TANK
HB2		POWER			1713----	GEN	5	10	1000		8401	CONDENSATE DEMINERALIZER OPERATING AREA
HB2		POWER				CON	700	1300			8401	DEMINERALIZER OUTLET STRAINERS
HB2		POWER				CON	20	40			8401	TO/FROM DEMINERALIZER LINES
HB2		POWER			1701----	GEN	5	10			8401	CONDENSATE PUMP ROOM
HB2		POWER			1701----	GEN	10	70			8401	CONDENSATE PUMP ROOM (HOT SPOTS)
HB2		POWER			1708----	GEN	1000	2100			8401	LOW PRESSURE HEATER
HB2		POWER			1702----	GEN	20	100	1000		8401	CONDENSATE PUMP PIPING
HB2		POWER			1702----	GEN	100	330			8401	CONDENSATE PUMP PIPING (HOT SPOT)
HB2		POWER			1704----	GEN	10		1000		8401	AIR EJECTOR ROOM
HB2		POWER			1704----	GEN	20				8401	AIR EJECTOR
HB2		POWER			1706----	CON	200				8401	GLAND SEAL EXHAUSTER CONDENSER (HOT SPOT)
HB2		POWER				GEN	15				8401	OFF-GAS SYSTEM SAMPLING STATION PIPING
HB2		POWER			32------	GEN	10	400	1000	4000	8401	PIPE TUNNEL (CONDENSER AREA)
HB2		POWER			32------	GEN	40	1000	1000	2000	8401	PIPE TUNNEL (UNDER TURBINE)
HB2		POWER			0309----	GEN	5	20			8401	MAIN STEAM LINE
HB2		POWER				GEN	5	20			8401	MAIN STEAM STOP VALVE
HB2		POWER			32------	GEN	1	2	1000	2000	8401	PIPE TUNNEL (MID-SECTION)
HB2		POWER			32------	CON	5	10			8401	PIPE TUNNEL (MAIN STEAM LINE)
HB2		POWER			32------	CON	5	10			8401	PIPE TUNNEL (FEEDWATER LINES)
HB2		POWER	+06			GEN	15	30	2000		8401	VALVE GALLERY (PIPE TUNNEL)
HB2		POWER	+06			CON	100	300			8401	CLEAN-UP SYSTEM RETURN LINE
HB2		POWER	+06		0309----	CON	15	20			8401	MAIN STEAM LINE
HB2		POWER				CON	15	30			8401	FEEDWATER LINES
HB2		POWER			2701----	GEN		1	1000	2000	8401	FEED PUMP ROOM
HB2		POWER			2701----	GEN	2	5			8401	FEED PUMPS
HB2		POWER				GEN	5	20			8401	FEED PUMP LINES
HB2		POWER				GEN	10				8401	FEEDWATER CONTROL VALVE
HB2		POWER				GEN	0 01		1000	2000	8401	SEAL OIL ROOM (UNDER EXCITER)
HB2		POWER	+27			GEN	1		1000		8401	TURBINE ENCLOSURE
HB2		POWER	+27			GEN	0 1			1000	8401	TURBINE WASHDOWN AREA
HB2		POWER				GEN		1	1000	5000	8401	HOT LAB
HB2		POWER	+27			GEN		1		1000	8401	LAUNDRY
HB2		POWER	+27			GEN		1		1000	8401	DEMINERALIZER OPERATING AREA
HB2		POWER	+34					1		1000	8401	LAUNDRY
HB2		POWER	+34					1		1000	8401	HOT LAB

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HUMBOLDT UNC DDS - DOSE RATE M 192 G

*FAC COD	MAP REFERENCE	BUILDING	ELEV FEET	MAP COORD	SYS/COMP NUMBER	TYP	<-- MR/HR --> LOWER	UPPER	DPM/100CM**2 LOWER	UPPER	MEASUR DATE	COMMENT
HB2		MACHINE			7501----		1		1000	20000	8401	HOT SHOP
HB2		MACHINE			7502----		5	10			8401	HOT SHOP WASHDOWN AREA
HB2		MACHINE			75------			80			8401	HOT SHOP SINK AND DRAIN
HB2		STACK	-02		76------		1		1000	3000	8401	STACK
HB2		STACK			76------		5	10			8401	STACK (BASE OF GAS SCRUBBER COLUMN)
HB2							0.01		1000		8401	OFF-GAS RECOMBINER VAULT
HB2		RADWASTE			73------		1		2000		8401	RADWASTE BUILDING (FILTER SECTION)
HB2		RADWASTE			73------		5	10			8401	RADWASTE BUILDING (FILTER HOUSING)
HB2		RADWASTE			73------		2				8401	RADWASTE BUILDING (OPERATING AREA)
HB2		RADWASTE			73------		5	10	5000		8401	RADWASTE BUILDING (OPERATING AREA, N WALL)
HB2		RADWASTE				GEN	10	30	5000	50000	8401	INSIDE HIGH RADIATION AREA GATE
HB2		RADWASTE					100	200			8401	EVAPORATOR
HB2		RADWASTE					40	60			8401	RADWASTE BUILDING SUMP
HB2		RADWASTE					100	300			8401	SPENT FUEL POOL FILTER
HB2		RADWASTE				GEN	5	30	1000	3000	8401	RADWASTE TANK AREA
HB2		RADWASTE					50	100			8401	WASTE RECEIVER TANKS
HB2		LOW-LEVEL			78------			1	2000	4000	8401	LOW-LEVEL STORAGE BUILDING
HB2								1		1000	8401	RADWASTE HANDLING BUILDING
HB2								1			8401	HIGH-LEVEL STORAGE VAULTS
HB2		YARD						0.01		1000	8401	HYDROGEN YARD
HB2		YARD						0.1	1000	6000	8401	CONTROLLED AREA YARD
HB2		YARD					10	15	2000		8401	OFF-GAS LINE PIPE TRENCH
HB2		YARD					20	150			8401	OFF-GAS LINE PIPE TRENCH (PIPING)
HB2		YARD					20	150	10000	400000	8401	RADWASTE LINE PIPE TRENCH
HB2		YARD					10	20	10000	400000	8401	RADWASTE PIPE TRENCH
HB2		YARD					50	200			8401	RADWASTE PIPE TRENCH (PIPING)

END REPORT

3.0 COMPUTER REPORTS

3.7 Project Labor Report

This report records decommissioning labor costs, exposure, and man-weeks for each labor category at a to-be-determined frequency. This report supplements the Project Cost/Exposure Report by providing data on how cost and exposures accumulate over the course of a decommissioning project.

PAGE NO 1
HUMBOLDT UNC DDS - PROJECT LABOR F 3032

*FAC COD	ACTIVITY SPEC NO	DATE	LABOR CATEGORY	EST MAN WEEKS	EST LABOR COST $	EST MAN-REM	ACT MAN WEEKS	ACT LABOR COST $	ACT MAN-REM
HB2	----3-	83	MAINTENANCE						4.2
HB2	----2-	83	OPERATING PERSONNEL						5.2
HB2	----8-	83	HEALTH PHYSICS						3.0
HB2	----4-	83	ENGINEERING						0.7
HB2	----1-	83	SUPERVISORY PERSONNEL						0.2
								TOTAL	13.3
HB2	----1A	840102	PROJECT MANAGER & STAFF	6	0	1	65E5		
HB2	----1A	840304	PROJECT MANAGER & STAFF	6	2	1	65E5		
HB2	----1A	840506	PROJECT MANAGER & STAFF	6	0	1	65E5		
HB2	----1A	840708	PROJECT MANAGER & STAFF	6	2	1	65E5		
HB2	----1A	840910	PROJECT MANAGER & STAFF	6	0	1	65E5		
HB2	----1A	841112	PROJECT MANAGER & STAFF	6	2	1	65E5		
HB2	----1A	850102	PROJECT MANAGER & STAFF	6	0	6	50E4		
HB2	----1A	850304	PROJECT MANAGER & STAFF	6	2	6	50E4		
HB2	----1A	850506	PROJECT MANAGER & STAFF	6	0	6	50E4		
HB2	----1A	850708	PROJECT MANAGER & STAFF	6	2	6	50E4		
HB2	----1A	850910	PROJECT MANAGER & STAFF	6	0	6	50E4		
HB2	----1A	851112	PROJECT MANAGER & STAFF	6	2	6	50E4		
			SUBTOTAL	73	2	1	38E6		
HB2	----1G	840102	HBPP ADMINISTRATIVE STAFF	30	6	2	57E4		
HB2	----1G	840304	HBPP ADMINISTRATIVE STAFF	30	6	2	57E4		
HB2	----1G	840506	HBPP ADMINISTRATIVE STAFF	30	6	2	57E4		
HB2	----1G	840708	HBPP ADMINISTRATIVE STAFF	30	6	2	57E4		
HB2	----1G	840910	HBPP ADMINISTRATIVE STAFF	30	6	2	57E4		
HB2	----1G	841112	HBPP ADMINISTRATIVE STAFF	30	6	2	57E4		
HB2	----1G	850102	HBPP ADMINISTRATIVE STAFF	30	6	2	63E4		
HB2	----1G	850304	HBPP ADMINISTRATIVE STAFF	30	6	2	63E4		
HB2	----1G	850506	HBPP ADMINISTRATIVE STAFF	30	6	2	63E4		
HB2	----1G	850708	HBPP ADMINISTRATIVE STAFF	30	6	2	63E4		
HB2	----1G	850910	HBPP ADMINISTRATIVE STAFF	30	6	2	63E4		
HB2	----1G	851112	HBPP ADMINISTRATIVE STAFF	30	6	2	63E4		
			SUBTOTAL	367	2	3	12E5		
HB2	----8-	840102	HBPP RAD PROTECTION/RPMS	30	0	9	57E4		
HB2	----8-	840304	HBPP RAD PROTECTION/RPMS	30	0	9	57E4		
HB2	----8-	840506	HBPP RAD PROTECTION/RPMS	30	0	9	57E4		
HB2	----8-	840708	HBPP RAD PROTECTION/RPMS	30	0	9	57E4		
HB2	----8-	840910	HBPP RAD PROTECTION/RPMS	30	0	9	57E4		
HB2	----8-	841112	HBPP RAD PROTECTION/RPMS	30	2	9	57E4		
HB2	----8-	850102	HBPP RAD PROTECTION/RPMS	30	0	7	52E4		
HB2	----8-	850304	HBPP RAD PROTECTION/RPMS	30	0	7	52E4		
HB2	----8-	850506	HBPP RAD PROTECTION/RPMS	30	0	7	52E4		
HB2	----8-	850708	HBPP RAD PROTECTION/RPMS	30	0	7	52E4		
HB2	----8-	850910	HBPP RAD PROTECTION/RPMS	30	0	7	52E4		

PAGE NO 2
HUMBOLDT UNC DDS - PROJECT LABOR

*FAC COD	ACTIVITY SPEC NO	DATE	LABOR CATEGORY	EST MAN WEEKS	EST LABOR COST $	EST MAN-REM	ACT MAN WEEKS	F 3032 ACT LABOR COST $	ACT MAN-REM
HB2	----8-	851112	HBPP RAD PROTECTION/RPMS	30	2 7 52E4				
			SUBTOTAL	360	4 1 03E6				
HB2	----2-	840102	HBPP OPERATIONS DEPT	110	2 8 74E4				
HB2	----2-	840304	HBPP OPERATIONS DEPT	110	2 8 74E4				
HB2	----2-	840506	HBPP OPERATIONS DEPT	110	2 8 74E4				
HB2	----2-	840708	HBPP OPERATIONS DEPT	110	2 8 74E4				
HB2	----2-	840910	HBPP OPERATIONS DEPT	110	2 8 74E4				
HB2	----2-	841112	HBPP OPERATIONS DEPT	110	0 8 74E4				
HB2	----2-	850102	HBPP OPERATIONS DEPT	110	2 9 97E4				
HB2	----2-	850304	HBPP OPERATIONS DEPT	110	2 9 96E4				
HB2	----2-	850506	HBPP OPERATIONS DEPT	110	2 9 96E4				
HB2	----2-	850708	HBPP OPERATIONS DEPT	110	2 9 96E4				
HB2	----2-	850910	HBPP OPERATIONS DEPT	110	2 9 96E4				
HB2	----2-	851112	HBPP OPERATIONS DEPT	110	0 9 96E4				
			TOTAL	1222	0 1 12E6				
HB2	----3-	840102	HBPP MAINTENANCE DEPT	13	6 3 08E4				
HB2	----3-	840304	HBPP MAINTENANCE DEPT	13	4 3 08E4				
HB2	----3-	840506	HBPP MAINTENANCE DEPT	13	6 3 08E4				
HB2	----3-	840708	HBPP MAINTENANCE DEPT	13	4 3 08E4				
HB2	----3-	840910	HBPP MAINTENANCE DEPT	13	6 3 08E4				
HB2	----3-	841112	HBPP MAINTENANCE DEPT	13	4 3 08E4				
HB2	----3-	850102	HBPP MAINTENANCE DEPT	13	6 4 09E4				
HB2	----3-	850304	HBPP MAINTENANCE DEPT	13	4 4 09E4				
HB2	----3-	850506	HBPP MAINTENANCE DEPT	13	6 4 09E4				
HB2	----3-	850708	HBPP MAINTENANCE DEPT	13	4 4 09E4				
HB2	----3-	850910	HBPP MAINTENANCE DEPT	13	6 4 09E4				
HB2	----3-	851112	HBPP MAINTENANCE DEPT	13	4 4 09E4				
			TOTAL	162	0 4 30E5				
HB2	----1H	840102	GEN OFFICE PROJECT STAFF	16	4 1 75E4				
HB2	----1H	840304	GEN OFFICE PROJECT STAFF	16	6 1 75E4				
HB2	----1H	840506	GEN OFFICE PROJECT STAFF	16	4 1 75E4				
HB2	----1H	840708	GEN OFFICE PROJECT STAFF	16	6 1 75E4				
HB2	----1H	840910	GEN OFFICE PROJECT STAFF	16	4 1 75E4				
HB2	----1H	841112	GEN OFFICE PROJECT STAFF	16	6 1 75E4				
HB2	----1H	850102	GEN OFFICE PROJECT STAFF	16	4 1 86E4				
HB2	----1H	850304	GEN OFFICE PROJECT STAFF	16	6 1 86E4				
HB2	----1H	850506	GEN OFFICE PROJECT STAFF	16	4 1 86E4				
HB2	----1H	850708	GEN OFFICE PROJECT STAFF	16	6 1 86E4				
HB2	----1H	850910	GEN OFFICE PROJECT STAFF	16	4 1 86E4				
HB2	----1H	851112	GEN OFFICE PROJECT STAFF	16	6 1 86E4				
			TOTAL	198	0 2 16E5				

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HUMBOLDT UNC DDS - PROJECT LABOR F 3032

*FAC COD	ACTIVITY SPEC NO	DATE	LABOR CATEGORY	EST MAN WEEKS	EST LABOR COST $	EST MAN-REM	ACT MAN WEEKS	ACT LABOR COST $	ACT MAN-REM
HB2	----4-	840102	ENGINEERING DEPARTMENT	3 8	1.06E4				
HB2	----4-	840304	ENGINEERING DEPARTMENT	3 8	1.06E4				
HB2	----4-	840506	ENGINEERING DEPARTMENT	3 8	1.06E4				
HB2	----4-	840708	ENGINEERING DEPARTMENT	4 0	1.06E4				
HB2	----4-	840910	ENGINEERING DEPARTMENT	3 8	1.06E4				
HB2	----4-	841112	ENGINEERING DEPARTMENT	3 8	1.06E4				
HB2	----4-	850102	ENGINEERING DEPARTMENT	2 6	2.25E3				
HB2	----4-	850304	ENGINEERING DEPARTMENT	2 8	2.25E3				
HB2	----4-	850506	ENGINEERING DEPARTMENT	2 6	2.25E3				
HB2	----4-	850708	ENGINEERING DEPARTMENT	2 8	2.25E3				
HB2	----4-	850910	ENGINEERING DEPARTMENT	2 6	2.25E3				
HB2	----4-	851112	ENGINEERING DEPARTMENT	2 8	2.25E3				
*			TOTAL	39 2	7.71E4				
*									
HB2	----9-	840102	QUALITY ASSURANCE DEPT	4 0	3.70E3				
HB2	----9-	840304	QUALITY ASSURANCE DEPT	4 0	3.70E3				
HB2	----9-	840506	QUALITY ASSURANCE DEPT	4 0	3.70E3				
HB2	----9-	840708	QUALITY ASSURANCE DEPT	4 0	3.70E3				
HB2	----9-	840910	QUALITY ASSURANCE DEPT	4 0	3.70E3				
HB2	----9-	841112	QUALITY ASSURANCE DEPT	4 0	3.70E3				
HB2	----9-	850102	QUALITY ASSURANCE DEPT	2 6	2.70E3				
HB2	----9-	850304	QUALITY ASSURANCE DEPT	2 6	2.70E3				
HB2	----9-	850506	QUALITY ASSURANCE DEPT	2 8	2.70E3				
HB2	----9-	850708	QUALITY ASSURANCE DEPT	2 6	2.70E3				
HB2	----9-	850910	QUALITY ASSURANCE DEPT	2 6	2.70E3				
HB2	----9-	851112	QUALITY ASSURANCE DEPT	2 8	2.70E3				
*			TOTAL	40 0	3.81E4				

END REPORT

3.0 COMPUTER REPORTS

3.8 ALARA Report

This report contains records of ALARA efforts by system/component number. The affected system, cost items, exposure information, and a description of the ALARA effort are listed.

ALARA information relating to preparation for SAFSTOR for the Humboldt Bay Power Plant Unit 3 will be included in the final summary report.

3.0 COMPUTER REPORTS

3.9 Shipment Report

This report records volumes, weights, and other physical data by waste type for material produced by each decommissioning activity specification. Trip lengths and vehicle dose rates are recorded in order to calculate public radiation exposure.

PAGE NO 1
HUMBOLDT UNC DDS - SHIPMENT REPORT M 194 C

*FAC *COD	SHIP DATE	ITEM NUM	LEN MILES	<------ MR/HR 6 FEET	-----> CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	<--- WASTE---> VOLUME FT**3	WEIGHT POUNDS	CONTAINER TYPE
HB2	830713	83021	650	<1	<1	DNA	CS137	1.4E-3			METAL &	SOLID	NON COMP	LSA	52.0	2093	BOX
*							FE 55	2.2E-2			WOOD		DRY WASTES				
*							CO 60	4.0E-3									
HB2	830713	83027	650	2	<1	DNA	CS137	2.5E-3			METAL &	SOLID	NON COMP	LSA	52.0	1574	BOX
*							FE 55	3.9E-2			WOOD		DRY WASTES				
*							CO 60	6.9E-3									
HB2	830713	83029	650	<1	<1	DNA	CS137	1.3E-3			METAL &	SOLID	NON COMP	LSA	52.0	1677	BOX
*							FE 55	2.0E-2			WOOD		DRY WASTES				
*							CO 60	3.5E-3									
HB2	830713	83030	650	<1	<1	DNA	CS137	1.1E-3			METAL &	SOLID	NON COMP	LSA	52.0	1152	BOX
*							FE 55	1.7E-2			WOOD		DRY WASTES				
*							CO 60	2.9E-3									
HB2	830713	83031	650	<1	<1	DNA	CS137	1.1E-3			METAL &	SOLID	NON COMP	LSA	52.0	1545	BOX
*							FE 55	1.7E-2			WOOD		DRY WASTES				
*							CO 60	2.9E-3									
HB2	830713	83020	650	<1	<1	DNA	CS137	1.4E-3			METAL,	SOLID	NON COMP	LSA	52.0	2442	BOX
*							FE 55	2.2E-2			WOOD &		DRY WASTES				
*							CO 60	4.0E-3			ASPHALT						
HB2	830713	83032	650	<1	<1	DNA	CO 60	2.9E-3			METAL,WOOD	SOLID	DIRT	LSA	52.0	2915	BOX
*							FE 55	1.7E-2			ASPHLT,DRT						
HB2	830713	83035	650	<1	<1	DNA	CS137	8.0E-4			ASPHALT &	SOLID	DIRT	LSA	7.5	725	DRUM
*							FE 55	1.2E-2			DIRT						
*							CO 60	2.1E-3									
HB2	830713	83036	650	<1	<1	DNA	CS137	8.0E-4			ASPHALT &	SOLID	DIRT	LSA	7.5	680	DRUM
*							FE 55	1.2E-2			DIRT						
*							CO 60	2.0E-3									
HB2	830713	83033	650	<1	<1	DNA	CS137	8.0E-4			ASPHALT &	SOLID	DIRT	LSA	7.5	675	DRUM
*							FE 55	1.2E-2			DIRT						
*							CO 60	2.1E-3									
HB2	830713	83034	650	<1	<1	DNA	CS137	8.0E-4			ASPHALT &	SOLID	DIRT	LSA	7.5	650	DRUM
*							FE 55	1.2E-2			DIRT						
*							CO 60	2.1E-3									
HB2	830713	83040	650	<1	<1	DNA	CS137	8.0E-4			ASPHALT &	SOLID	DIRT	LSA	7.5	730	DRUM
*							FE 55	1.2E-2			DIRT						
*							CO 60	2.1E-3									
HB2	830713	83042	650	<1	<1	DNA	CS137	8.0E-4			ASPHALT &	SOLID	DIRT	LSA	7.5	755	DRUM
*							FE 55	1.2E-2			DIRT						
*							CO 60	2.1E-3									
HB2	830713	83044	650	<1	<1	DNA	CS137	8.0E-4			ASPHALT &	SOLID	DIRT	LSA	7.5	705	DRUM
*							FE 55	1.2E-2			DIRT						
*							CO 60	2.1E-3									
HB2	830713	83001	650	130	5	DNA	CS137	6.5E-3			COMPACT	SOLID	COMP DRY	LSA	7.5	175	DRUM
*							CS134	2.0E-4			TRASH		WASTES				
*							FE 55	1.0E-1									
*							NI 63	1.8E-3									
*							CO 60	1.8E-2									
*							MN 54	1.0E-4									
*							SB125	1.0E-4									
HB2	830713	82084	650	35	5	DNA	CS137	3.8E-3			COMPACT	SOLID	COMP DRY	LSA	7.5	265	DRUM

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HUMBOLDT UNC DDS - SHIPMENT REPORT M 194 C

FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	RADIONUCLIDE CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TY P	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
							FE 55	6.0E-2		TRASH			WASTES				
							CO 60	1.1E-2									
							NI 63	1.1E-3									
HB2	830713	83038	650	<1	<1	DNA	CS137	8.0E-4		ASPHALT &		SOLID	DIRT	LSA	7.5	675	DRUM
							FE 55	1.2E-2		DIRT							
							CO 60	2.1E-3									
HB2	830713	83023	650	<1	<1	DNA	CS137	1.2E-3		DIRT &		SOLID	DIRT	LSA	7.5	417	DRUM
							FE 55	1.8E-2		ASPHALT							
							CO 60	3.2E-3									
							NI 63	3.0E-4									
HB2	830713	82015	650	10	1	DNA	CS137	8.0E-4		COMPACT		SOLID	COMP DRY	LSA	7.5	410	DRUM
							FE 55	1.2E-2		TRASH			WASTES				
							CO 60	2.1E-3									
							NI 63	2.0E-4									
HB2	830713	82074	650	9	1	DNA	CS137	8.0E-4		COMPACT		SOLID	COMP DRY	LSA	7.5	172	DRUM
							FE 55	1.2E-2		TRASH			WASTES				
							CO 60	2.1E-3									
							NI 63	2.0E-4									
HB2	830713	83037	650	<1	<1	DNA	CS137	8.0E-4		ASPHALT &		SOLID	DIRT	LSA	7.5	680	DRUM
							FE 55	1.2E-2		DIRT							
							CO 60	2.1E-3									
HB2	830713	82079	650	10	<1	DNA	CS137	8.0E-4		TRASH		SOLID	NON COMP	LSA	7.5	100	DRUM
							FE 55	1.2E-2					DRY WASTES				
							CO 60	2.1E-3									
							NI 63	2.0E-4									
HB2	830713	83010	650	1	<1	DNA	CS137	8.0E-4		ASBESTOS		SOLID	COMP DRY	LSA	7.5	255	DRUM
							FE 55	1.2E-2					WASTES				
							CO 60	2.1E-3									
							NI 63	2.0E-4									
HB2	830713	83013	650	3	2	DNA	CS137	1.5E-3		ASBESTOS		SOLID	NON COMP	LSA	7.5	260	DRUM
							FE 55	2.4E-2					DRY WASTES				
							CO 60	4.3E-3									
							NI 63	4.0E-4									
HB2	830713	83016	650	<1	<1	DNA	CS137	8.0E-4		METAL		SOLID	NON COMP	LSA	7.5	405	DRUM
							FE 55	1.2E-2					DRY WASTES				
							CO 60	2.1E-3									
HB2	830713	83043	650	<1	<1	DNA	CS137	8.0E-4		ASPHALT &		SOLID	DIRT	LSA	7.5	765	DRUM
							FE 55	1.2E-2		DIRT							
							CO 60	2.1E-3									
HB2	830713	83009	650	2	<1	DNA	CS137	8.0E-4		ASBESTOS		SOLID	COMP DRY	LSA	7.5	335	DRUM
							FE 55	1.2E-2					WASTES				
							CO 60	2.1E-3									
							NI 63	2.0E-4									
HB2	830713	83012	650	<1	<1	DNA	CS137	8.0E-4		ASBESTOS		SOLID	COMP DRY	LSA	7.5	230	DRUM
							FE 55	1.2E-2					WASTES				
							CO 60	2.1E-3									
							NI 63	2.0E-4									
HB2	830713	83039	650	<1	<1	DNA	CS137	8.0E-4		ASPHALT &		SOLID	DIRT	LSA	7.5	735	DRUM
							FE 55	1.2E-2		DIRT							

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HUMBOLDT UNC DDS - SHIPMENT REPORT M 194 C

*FAC *COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
*							CO 60	2.1E-3									
HB2	830713	83011	650	<1	<1	DNA	CS137	8.0E-4		ASBESTOS		SOLID	COMP DRY WASTES	LSA	7.5	260	DRUM
*							FE 55	1.2E-2									
*							CO 60	2.1E-3									
*							NI 63	2.0E-4									
HB2	830713	83022	650	<1	<1	DNA	CS137	8.0E-4		DIRT & ASPHALT		SOLID	DIRT	LSA	7.5	525	DRUM
*							FE 55	1.2E-2									
*							CO 60	2.1E-3									
HB2	830713	83041	650	<1	<1	DNA	CS137	8.0E-4		DIRT & ASPHALT		SOLID	DIRT	LSA	7.5	730	DRUM
*							FE 55	1.2E-2									
*							CO 60	2.1E-3									
HB2	830713	83007	650	3	1	DNA	CS137	8.0E-4		TRASH		SOLID	COMP DRY WASTES	LSA	7.5	360	DRUM
*							FE 55	1.2E-2									
*							CO 60	2.1E-3									
*							NI 63	2.0E-4									
HB2	830713	83019	650	<1	<1	DNA	CS137	8.0E-4		CEMENT BRICKS		SOLID	NON COMP DRY WASTES	LSA	7.5	610	DRUM
*							FE 55	1.2E-2									
*							CO 60	2.1E-3									
HB2	830713	82080	650	20	1	DNA	CS137	1.0E-3		TRASH		SOLID	NON COMP DRY WASTES	LSA	7.5	150	DRUM
*							FE 55	1.6E-2									
*							CO 60	2.8E-3									
*							NI 63	3.0E-4									
HB2	830713	82072	650	400	18	DNA	CS137	2.0E-2		TRASH		SOLID	NON COMP DRY WASTES	LSA	7.5	170	DRUM
*							CS134	6.0E-4									
*							SR 90	2.0E-4									
*							FE 55	3.1E-1									
*							NI 63	5.6E-3									
*							PU241	1.0E-4									
*							CO 60	5.6E-2									
*							MN 54	3.0E-4									
*							SB125	3.0E-4									
HB2	830713	83002	650	60	10	DNA	CS137	7.7E-3		TRASH		SOLID	COMP DRY WASTES	LSA	7.5	330	DRUM
*							CS134	2.0E-4									
*							FE 55	1.2E-1									
*							NI 63	2.1E-3									
*							CO 60	2.1E-2									
HB2	830713	82083	650	6	1	DNA	CS137	8.0E-4		TRASH		SOLID	COMP DRY WASTES	LSA	7.5	220	DRUM
*							FE 55	1.2E-2									
*							CO 60	2.1E-3									
*							NI 63	2.0E-4									
HB2	830713	83005	650	2	<1	DNA	CS137	8.0E-4		ASBESTOS		SOLID	COMP DRY WASTES	LSA	7.5	243	DRUM
*							FE 55	1.2E-2									
*							CO 60	2.1E-3									
*							NI 63	2.0E-4									
HB2	830713	83025	650	<1	<1	DNA	CS137	8.0E-4		TRASH		SOLID	COMP DRY WASTES	LSA	7.5	170	DRUM
*							FE 55	1.2E-2									
*							NI 63	2.0E-4									
*							CO 60	2.1E-3									
HB2	830713	82077	650	360	16	DNA	CS137	1.8E-2		TRASH		SOLID	COMP DRY	LSA	7.5	110	DRUM

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HUMBOLDT UNC DDS - SHIPMENT REPORT M 194 C

FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR 6 FEET CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
													WASTES				
							CS134	5.0E-4									
							SR 90	2.0E-4									
							FE 55	2.8E-1									
							NI 63	5.0E-3									
							AM241	1.0E-4									
							PU241	1.0E-4									
							CO 60	5.0E-2									
							MN 54	3.0E-4									
							SB125	2.0E-4									
HB2	830713	83026	650	<1	<1	DNA	CS137	8.0E-4		METAL		SOLID	NON COMP DRY WASTES	LSA	7.5	205	DRUM
							FE 55	1.2E-2									
							CO 60	2.1E-3									
							NI 63	2.0E-4									
HB2	830713	83017	650	<1	<1	DNA	CS137	8.0E-4		METAL		SOLID	NON COMP DRY WASTES	LSA	7.5	255	DRUM
							FE 55	1.2E-2									
							CO 60	2.1E-3									
							NI 63	2.0E-4									
HB2	830713	83015	650	2	1	DNA	CS137	8.0E-4		WOOD		SOLID	NON COMP DRY WASTES	LSA	7.5	235	DRUM
							FE 55	1.2E-2									
							CO 60	2.1E-3									
							NI 63	2.0E-4									
HB2	830713	83008	650	120	3	DNA	CS137	6.0E-3		ASBESTOS		SOLID	COMP DRY WASTES	LSA	7.5	245	DRUM
							CS134	2.0E-4									
							FE 55	9.3E-2									
							NI 63	1.7E-3									
							CO 60	1.7E-2									
HB2	830713	83024	650	3	1.5	DNA	CS137	1.2E-3		TRASH		SOLID	COMP DRY WASTES	LSA	7.5	307	DRUM
							FE 55	1.8E-2									
							NI 63	3.0E-4									
							CO 60	3.2E-3									
HB2	830713	83028	650	4	1	DNA	CS137	1.2E-3		TOOLS		SOLID	NON COMP DRY WASTES	LSA	52.0	1378	BOX
							FE 55	1.9E-2									
							CO 60	3.3E-3									
HB2	830713	82037	650	120	13	DNA	CS137	5.7E-2		ASPHALT		SOLID	NON COMP DRY WASTES	LSA	64.0	3820	BOX
							FE 55	8.9E-1									
							NI 63	1.6E-2									
							CO 60	1.6E-1									
HB2	830713	83018	650	8	4	DNA	CS137	3.1E-3		CEMENT BRICKS		SOLID	NON COMP DRY WASTES	LSA	7.5	625	DRUM
							FE 55	4.8E-2									
							NI 63	8.0E-4									
							CO 60	8.5E-3									
HB2	830713	83003	650	4	1	DNA	CS137	1.9E-3		TRASH		SOLID	COMP DRY WASTES	LSA	7.5	384	DRUM
							FE 55	3.0E-2									
							NI 63	5.0E-4									
							CO 60	5.3E-3									
HB2	830713	83014	650	<1	<1	DNA	CS137	8.0E-4		CEMENT BRICKS		SOLID	NON COMP DRY WASTES	LSA	7.5	320	DRUM
							FE 55	1.2E-2									
							CO 60	2.1E-3									
HB2	830713	83004	650	2	<1	DNA	CS137	8.0E-4		TRASH		SOLID	COMP DRY	LSA	7.5	215	DRUM

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HUMBOLDT UNC DDS - SHIPMENT REPORT M 194 C

FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	VOLUME FT**3	WEIGHT POUNDS	CONTAINER TYPE
							FE 55	1.2E-2					WASTES				
							CO 60	2.1E-3									
							NI 63	2.0E-4									
HB2	831011	1	3000	800000	9.0	DNA	CO 60	1.7E3		CONTROL RODS, FOLLOWERS & POISON CURTAINS		SOLID (LINER IN CASK)	STAINLESS STEEL, ZR & B CARBIDE, FE & NI OXIDES	A2	60.0	3410	LINER
							FE 55	6.2E2									
							NI 63	5.9E2									
							SB125	7.2E1									
							H 3	6.4E1									
							TE125M	1.7E1									
							NI 59	4.2E0									
							CS137	1.1E0									
							SR 90	1.1E0									
							ZR 93	3.0E-1									
							PM147	1.1E-1									
							KR 85	7.0E-2									
							SM151	3.1E-2									
							PU241	7.2E-1									
							MO 93	5.3E-1									
							NB 93M	5.3E-1									
HB2	831024	1	3000	2.2E6	22	DNA	CO 60	5.8E3		CONTROL RODS, FOLLOWERS, POISON CURTAINS, FUEL CHANNELS & MISCELL. PARTS		SOLID (LINER IN CASK)	STAINLESS STEEL, ZR & B CARBIDE, FE & NI OXIDES	A2	60.0	3700	LINER
							FE 55	3.2E3									
							NI 63	1.3E3									
							H 3	8.9E1									
							SB125	7.5E1									
							NI 59	9.4E0									
							TE125M	1.7E1									
							NB 93M	1.3E-2									
							CS137	2.3E-1									
							ZR 93	1.3E-1									
							SR 90	2.3E-1									
							PM147	5.4E-2									
							MO 93	1.3E-2									
							KR 85	1.7E-2									
							SM151	6.7E-3									
							CE144	1.4E-3									
							PU241	5.1E-3									
HB2	831116	1	3000	600000	14	DNA	CO 60	2.2E3		CONTROL RODS, FOLLOWERS, POISON CURTAINS, FUEL CHANNELS & MISCELL. PARTS		SOLID (LINER IN CASK)	STAINLESS STEEL, ZR & B CARBIDE, FE & NI OXIDES	A2	60.0	2400	LINER
							FE 55	7.3E2									
							NI 63	7.3E2									
							H 3	5.3E1									
							SB125	7.9E1									
							NI 59	5.2E0									
							TE125M	1.8E1									
							NB 95M	7.1E-3									
							CS137	2.5E-1									
							ZR 93	1.4E-1									
							SR 90	2.5E-1									
							PM147	5.7E-2									
							MO 93	7.1E-3									

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	RADIONUCLIDE CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
							KR 85	1.8E-2									
							SM151	7.0E-3									
							PU241	4.6E-3									
							CE144	1.5E-3									
HB2	840906	83065	650	5.0	<1	DNA	C 14	1.7E-2		DIRT & ASPHALT		SOLID	DIRT	LSA	52.0	2495	BOX
							K 40	3.5E-2									
							FE 55	1.0E-2									
							TC 99	2.0E-4									
							CS137	1.5E-3									
HB2	840906	84039	650	<1	<0.1	DNA	C 14	6.8E-3		BUILDING RUBBLE & WOOD		SOLID	DRY WASTES	LSA	52.0	1184	BOX
							K 40	2.0E-2									
							FE 55	6.0E-3									
							CO 60	6.0E-4									
							TC 99	1.0E-4									
							CS137	9.0E-4									
HB2	840906	83061	650	3.0	<1	DNA	C 14	2.0E-2		DIRT & ASPHALT		SOLID	DIRT	LSA	52.0	2788	BOX
							K 40	1.5E-1									
							FE 55	4.3E-2									
							CO 60	4.0E-3									
							TC 99	9.0E-4									
							CS137	6.2E-3									
							EU152	1.8E-3									
HB2	840906	84038	650	<1	<0.1	DNA	C 14	7.1E-3		BUILDING RUBBLE & WOOD		SOLID	DRY WASTES	LSA	52.0	1222	BOX
							K 40	2.0E-2									
							FE 55	5.9E-3									
							CO 60	6.0E-4									
							TC 99	1.0E-4									
							CS137	9.0E-4									
HB2	840906	84041	650	<1	<0.1	DNA	C 14	1.2E-2		BUILDING RUBBLE & WOOD		SOLID	DRY WASTES	LSA	52.0	1780	BOX
							K 40	2.6E-2									
							FE 55	7.7E-3									
							CO 60	7.0E-4									
							TC 99	2.0E-4									
							CS137	1.1E-3									
HB2	840906	84040	650	1.0	<1	DNA	C 14	8.6E-3		BUILDING RUBBLE & WOOD		SOLID	DRY WASTES	LSA	52.0	1408	BOX
							K 40	4.5E-2									
							FE 55	1.3E-2									
							CO 60	1.2E-3									
							TC 99	3.0E-4									
							CS137	1.9E-3									
							EU152	1.5E-3									
HB2	840906	84026	650	19	1.6	DNA	C 14	1.6E-2		DIRT, WOOD ASPHALT & METAL		SOLID	DIRT	LSA	52.0	2368	BOX
							K 40	1.3E-1									
							FE 55	3.9E-2									
							CO 60	3.6E-3									
							NI 63	9.0E-4									
							TC 99	8.0E-4									
							CS137	5.6E-3									
							EU152	1.6E-3									

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
							EU154	1.0E-3									
							EU155	9.0E-4									
HB2	840906	84037	650	<1	<0.1	DNA	C 14	5.4E-3		METAL,WOOD		SOLID	DRY WASTES	LSA	52.0	1008	BOX
							K 40	1.9E-2		PLASTIC,							
							FE 55	5.6E-3		PAPER &							
							CO 60	5.0E-4		CLOTH							
							TC 99	1.0E-4									
							CS137	8.0E-4									
HB2	840906	84024	650	35	1.0	DNA	C 14	1.8E-2		WOOD,		SOLID	DRY WASTES	LSA	52.0	2535	BOX
							K 40	7.1E-2		ASPHALT &							
							FE 55	2.1E-2		METAL							
							CO 60	1.9E-3									
							TC 99	4.0E-4									
							CS137	3.0E-3									
HB2	840906	84049	650	<1	<0.1	DNA	C 14	1.1E-2		WOOD,		SOLID	DRY WASTES	LSA	52.0	1649	BOX
							K 40	2.5E-2		ASBESTOS &							
							FE 55	7.3E-3		METAL							
							CO 60	7.0E-4									
							TC 99	2.0E-4									
							CS137	1.0E-3									
HB2	840906	84048	650	<1	<0.1	DNA	C 14	9.0E-3		WOOD,		SOLID	DRY WASTES	LSA	52.0	1465	BOX
							K 40	2.3E-2		ASBESTOS &							
							FE 55	6.7E-3		METAL							
							CO 60	6.0E-4									
							TC 99	1.0E-4									
							CS137	1.0E-3									
HB2	840906	83064	650	18.0	2.0	DNA	C 14	1.8E-2		METAL,WOOD		SOLID	DIRT	LSA	52.0	2605	BOX
							K 40	6.6E-1		ASPHALT &							
							FE 55	1.9E-1		DIRT							
							CO 60	1.8E-2									
							NI 63	4.6E-3									
							SR 90	1.1E-3									
							TC 99	4.1E-3									
							RU106	1.2E-3									
							SB125	2.4E-3									
							I 129	1.0E-4									
							CS137	2.8E-2									
							EU152	8.0E-3									
							EU154	4.7E-3									
							EU155	4.6E-3									
							HO166M	1.0E-3									
							PU241	2.7E-3									
HB2	840906	84028	650	<1	<0.1	DNA	C 14	2.9E-3		GLASS,DIRT		SOLID	DIRT	LSA	7.5	403	DRUM
							K 40	1.1E-2		PLASTIC							
							FE 55	3.1E-3		PAPER &							
							CO 60	3.0E-4		CLOTH							
							TC 99	1.0E-4									
							CS137	4.0E-4									
HB2	840906	84044	650	<1	<0.1	DNA	C 14	3.2E-3		ABSORBED		SOLID	ABSORBED	LSA	7.5	436	DRUM

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRIPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
							K 40	1.1E-2		PAINT			ORGANIC LIQUID				
							FE 55	3.2E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	5.0E-4									
HB2	840906	84031	650	<1	<0.1	DNA	C 14	5.7E-3		DIRT		SOLID	DIRT	LSA	7.5	754	DRUM
							K 40	1.2E-2									
							FE 55	3.5E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	5.0E-4									
HB2	840906	84046	650	<1	<0.1	DNA	C 14	2.4E-3		WOOD, PAPER		SOLID	DRY WASTES	LSA	7.5	343	DRUM
							K 40	1.0E-2		ASBESTOS,							
							FE 55	3.0E-3		PLASTIC &							
							CO 60	3.0E-4		CLOTH							
							TC 99	1.0E-4									
							CS137	4.0E-4									
HB2	840906	83067	650	8.0	1.0	DNA	C 14	2.9E-3		PAPER,		SOLID	DRY WASTES	LSA	7.5	400	DRUM
							K 40	1.1E-2		PLASTIC,							
							FE 55	3.1E-3		CLOTH &							
							CO 60	3.0E-4		METAL							
							TC 99	1.0E-4									
							CS137	4.0E-4									
HB2	840906	84043	650	<1	<0.1	DNA	C 14	2.9E-3		ABSORBED		SOLID	ABSORBED	LSA	7.5	404	DRUM
							K 40	1.1E-2		PAINT			ORGANIC LIQUID				
							FE 55	3.1E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	4.0E-4									
HB2	840906	84050	650	250	2.0	DNA	C 14	2.3E-3		PAPER,		SOLID	DRY WASTES	LSA	7.5	332	DRUM
							K 40	1.6E-1		PLASTIC,							
							FE 55	4.5E-2		CLOTH &							
							CO 60	4.2E-3		METAL							
							NI 63	1.1E-3									
							SR 90	3.0E-4									
							NB 94	2.0E-4									
							TC 99	1.0E-3									
							RU106	3.0E-4									
							AG108M	1.0E-4									
							SB125	6.0E-4									
							SN126	1.0E-4									
							CS134	2.0E-4									
							CS137	6.5E-3									
							CE144	2.0E-4									
							EU152	1.3E-3									
							EU154	1.1E-3									
							EU155	1.1E-3									
							HO166M	2.0E-4									
							PU241	6.0E-4									

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
HB2	840906	84032	650	<1	<0.1	DNA	C 14	3.9E-3		DIRT & PLASTIC		SOLID	DIRT	LSA	7.5	523	DRUM
							K 40	1.1E-2									
							FE 55	3.3E-3									
							CO 60	3.0E-4									
							NI 63	1.0E-4									
							TC 99	1.0E-4									
							CS137	5.0E-4									
HB2	840906	84029	650	<1	<0.1	DNA	C 14	6.6E-3		DIRT		SOLID	DIRT	LSA	7.5	859	DRUM
							K 40	1.2E-2									
							FE 55	3.6E-3									
							TC 99	1.0E-4									
							CS137	5.0E-4									
HB2	840906	84047	650	<1	<0.1	DNA	C 14	1.6E-3		WOOD,PAPER ASBESTOS, PLASTIC & CLOTH		SOLID	DRY WASTES	LSA	7.5	235	DRUM
							K 40	9.7E-3									
							FE 55	2.8E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	4.0E-4									
							EU152	1.0E-4									
HB2	840906	84003	650	5.0	<1	DNA	C 14	9.0E-4		PAPER, PLASTIC, CLOTH & METAL		SOLID	DRY WASTES	LSA	7.5	150	DRUM
							K 40	9.0E-3									
							FE 55	2.6E-3									
							CO 60	2.0E-4									
							NI 63	1.0E-4									
							TC 99	1.0E-4									
							CS137	4.0E-4									
							EU152	1.0E-4									
							EU154	1.0E-4									
							EU155	1.0E-4									
HB2	840906	83055	650	<1	<0.1	DNA	C 14	3.7E-3		ABSORBED AQUEOUS SLUDGE		SOLID	ABSORBED AQUEOUS LIQUID	LSA	7.5	503	DRUM
							K 40	1.1E-2									
							FE 55	3.2E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	5.0E-4									
HB2	840906	84012	650	2.0	<1	DNA	C 14	6.0E-4		PAPER, PLASTIC, CLOTH & METAL		SOLID	DRY WASTES	LSA	7.5	110	DRUM
							K 40	8.5E-3									
							FE 55	2.5E-3									
							CO 60	2.0E-4									
							NI 63	1.0E-4									
							TC 99	1.0E-4									
							CS137	4.0E-4									
							EU152	1.0E-4									
							EU154	1.0E-4									
							EU155	1.0E-4									
HB2	840906	83045	650	<1	<0.1	DNA	C 14	5.1E-3		ASPHALT & DIRT		SOLID	DRY WASTES	LSA	7.5	680	DRUM
							K 40	1.2E-2									
							FE 55	3.4E-3									
							CO 60	3.0E-4									

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	RADIONUCLIDE CURIES	ACTIVITY SPEC NO	WASTE DESCRIPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
							TC 99	1.0E-4									
							CS137	5.0E-4									
HB2	840906	83049	650	<1	<0.1	DNA	C 14	5.0E-3		ASPHALT & DIRT		SOLID	DRY WASTES	LSA	7.5	665	DRUM
							K 40	1.2E-2									
							FE 55	3.4E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	5.0E-4									
HB2	840906	84009	650	<1	<0.1	DNA	C 14	2.8E-3		ASPHALT & DIRT		SOLID	DRY WASTES	LSA	7.5	385	DRUM
							K 40	1.1E-2									
							FE 55	3.1E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	4.0E-4									
HB2	840906	83056	650	<1	<0.1	DNA	C 14	4.6E-3		ABSORBED AQUEOUS SLUDGE		SOLID	ABSORBED AQUEOUS LIQUID	LSA	7.5	613	DRUM
							K 40	1.2E-2									
							FE 55	3.4E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	5.0E-4									
HB2	840906	83050	650	<1	<0.1	DNA	C 14	5.3E-3		ASPHALT & DIRT		SOLID	DRY WASTES	LSA	7.5	700	DRUM
							K 40	1.2E-2									
							FE 55	3.5E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	5.0E-4									
HB2	840906	83048	650	<1	<0.1	DNA	C 14	5.4E-3		ASPHALT & DIRT		SOLID	DRY WASTES	LSA	7.5	718	DRUM
							K 40	1.2E-2									
							FE 55	3.6E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	5.0E-4									
HB2	840906	84030	650	<1	<0.1	DNA	C 14	5.2E-3		PLASTIC & DIRT		SOLID	DRY WASTES	LSA	7.5	688	DRUM
							K 40	1.2E-2									
							FE 55	3.4E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	5.0E-4									
HB2	840906	84036	650	<1	<0.1	DNA	C 14	2.2E-3		METAL WOOD PAPER SAND PLASTIC & CLOTH		SOLID	DRY WASTES	LSA	7.5	313	DRUM
							K 40	1.0E-2									
							FE 55	3.0E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	4.0E-4									
							EU152	1.0E-4									
HB2	840906	83046	650	<1	<0.1	DNA	C 14	5.3E-3		ASPHALT & DIRT		SOLID	DRY WASTES	LSA	7.5	705	DRUM
							K 40	1.2E-2									
							FE 55	3.5E-3									
							CO 60	3.0E-4									

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR 6 FEET CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
							TC 99	1.0E-4									
							CS137	5.0E-4									
HB2	840906	83060	650	<1	<0.1	DNA	C 14	2.2E-3		ASPHALT & DIRT		SOLID	DRY WASTES	LSA	7.5	312	DRUM
							K 40	1.0E-2									
							FE 55	3.0E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	4.0E-4									
							EU152	1.0E-4									
HB2	840906	83047	650	<1	<0.1	DNA	C 14	5.0E-3		ASPHALT & DIRT		SOLID	DRY WASTES	LSA	7.5	670	DRUM
							K 40	1.2E-2									
							FE 55	3.4E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	5.0E-4									
HB2	840906	83051	650	<1	<0.1	DNA	C 14	5.5E-3		ASPHALT & DIRT		SOLID	DRY WASTES	LSA	7.5	722	DRUM
							K 40	1.2E-2									
							FE 55	3.6E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	5.0E-4									
HB2	840906	83057	650	<1	<0.1	DNA	C 14	4.2E-3		ABSORBED AQUEOUS SLUDGE		SOLID	ABSORBED AQUEOUS LIQUID	LSA	7.5	560	DRUM
							K 40	1.1E-2									
							FE 55	3.3E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	5.0E-4									
HB2	840906	84016	650	1.0	<0.1	DNA	C 14	1.2E-3		GLASS, PLASTIC & PAPER		SOLID	DRY WASTES	LSA	7.5	195	DRUM
							K 40	9.4E-3									
							FE 55	2.8E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	4.0E-4									
							EU152	1.0E-4									
HB2	840906	83058	650	<1	<0.1	DNA	C 14	1.8E-3		METAL, PLASTIC & PAPER		SOLID	DRY WASTES	LSA	7.5	260	DRUM
							K 40	9.9E-3									
							FE 55	2.8E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	4.0E-4									
							EU152	1.0E-4									
HB2	840906	83072	650	<1	<0.1	DNA	C 14	8.0E-4		PAPER, PLASTIC CLOTH & METAL		SOLID	DRY WASTES	LSA	7.5	145	DRUM
							K 40	8.9E-3									
							FE 55	2.6E-3									
							CO 60	2.0E-4									
							NI 63	1.0E-4									
							TC 99	1.0E-4									
							CS137	4.0E-4									
							EU152	1.0E-4									

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	RADIONUCLIDE CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
							EU154	1.0E-4									
							EU155	1.0E-4									
HB2	840906	83052	650	32	6.0	DNA	C 14	2.7E-3		PAPER, PLASTIC, CLOTH & METAL		SOLID	DRY WASTES	LSA	7.5	380	DRUM
							K 40	1.3E-1									
							FE 55	3.7E-2									
							CO 60	3.4E-3									
							NI 63	9.0E-4									
							SR 90	2.0E-4									
							TC 99	8.0E-4									
							RU106	2.0E-4									
							SB125	5.0E-4									
							CS134	2.0E-4									
							CS137	5.3E-3									
							EU152	1.6E-3									
							EU154	9.0E-4									
							EU155	9.0E-4									
							HO166M	2.0E-4									
							PU241	5.0E-4									
HB2	840906	83069	650	3.0	1.0	DNA	C 14	1.1E-3		PAPER, PLASTIC, CLOTH & METAL		SOLID	DRY WASTES	LSA	7.5	173	DRUM
							K 40	1.4E-2									
							FE 55	4.0E-3									
							CO 60	4.0E-4									
							NI 63	1.0E-4									
							TC 99	1.0E-4									
							CS137	6.0E-4									
							EU152	2.0E-4									
							EU154	1.0E-4									
							EU155	1.0E-4									
HB2	840906	84017	650	120	5.0	DNA	C 14	1.8E-3		PAPER, PLASTIC, CLOTH & METAL		SOLID	DRY WASTES	LSA	7.5	265	DRUM
							K 40	1.5E-1									
							FE 55	4.4E-2									
							CO 60	4.0E-3									
							NI 63	1.0E-3									
							SR 90	2.0E-4									
							NB 94	2.0E-4									
							TC 99	9.0E-4									
							RU106	3.0E-4									
							AG108M	1.0E-4									
							SB125	5.0E-4									
							SN126	1.0E-4									
							CS134	2.0E-4									
							CS137	6.3E-3									
							CE144	2.0E-4									
							EU152	1.8E-3									
							EU154	1.1E-3									
							EU155	1.1E-3									
							HO166M	2.0E-4									
							PU241	6.0E-4									
HB2	840906	84007	650	1.0	<1.0	DNA	C 14	1.2E-3		PAPER,		SOLID	DRY WASTES	LSA	7.5	109	DRUM

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*FAC COD	SHIP DATE	ITEM NUM	LEN MILES	<------ MR/HR CONTCT	6 FEET -----> CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	<--- WASTE---> VOLUME FT**3	WEIGHT POUNDS	CONTAINER TYPE
*						K 40	9.4E-3		PLASTIC,							
*						FE 55	2.8E-3		CLOTH &							
*						CO 60	3.0E-4		METAL							
*						TC 99	1.0E-4									
*						CS137	4.0E-4									
*						EU152	1.0E-4									
HB2	840906	84021	650	75.0	5.0 DNA	C 14	1.5E-3		PAPER,		SOLID	DRY WASTES	LSA	7.5	227	DRUM
*						K 40	9.7E-2		PLASTIC,							
*						FE 55	2.8E-2		CLOTH &							
*						CO 60	2.6E-3		METAL							
*						NI 63	7.0E-4									
*						SR 90	2.0E-4									
*						NB 94	1.0E-4									
*						RU106	2.0E-4									
*						AG108M	1.0E-4									
*						SB125	4.0E-4									
*						SN126	1.0E-4									
*						CS134	1.0E-4									
*						CS137	4.1E-3									
*						CE144	1.0E-4									
*						EU152	1.2E-3									
*						EU154	7.0E-4									
*						EU155	7.0E-4									
*						HO166M	2.0E-4									
*						PU241	4.0E-4									
HB2	840906	84022	650	5.0	<1 DNA	C 14	1.3E-3		PAPER,		SOLID	DRY WASTES	LSA	7.5	200	DRUM
*						K 40	9.5E-3		PLASTIC,							
*						FE 55	2.8E-3		CLOTH &							
*						CO 60	3.0E-4		METAL							
*						TC 99	1.0E-4									
*						CS137	4.0E-4									
*						EU152	1.0E-4									
HB2	840906	84002	650	1.0	<1 DNA	C 14	9.0E-4		PLASTIC,		SOLID	DRY WASTES	LSA	7.5	150	DRUM
*						K 40	9.0E-3		PAPER,							
*						FE 55	2.6E-3		CLOTH &							
*						CO 60	2.0E-4		METAL							
*						NI 63	1.0E-4									
*						TC 99	1.0E-4									
*						CS137	4.0E-4									
*						EU152	1.0E-4									
*						EU154	1.0E-4									
*						EU155	1.0E-4									
HB2	840906	84010	650	1.0	<1 DNA	C 14	8.0E-4		PLASTIC,		SOLID	DRY WASTES	LSA	7.5	140	DRUM
*						K 40	8.8E-3		PAPER,							
*						FE 55	2.6E-3		CLOTH &							
*						CO 60	2.0E-4		METAL							
*						NI 63	1.0E-4									
*						TC 99	1.0E-4									
*						CS137	4.0E-4									

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRIPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
							EU152	1.0E-4									
							EU154	1.0E-4									
							EU155	1.0E-4									
HB2	840906	84042	650	<1	<0.1	DNA	C 14	4.6E-3		METAL,WOOD		SOLID	DRY WASTES	LSA	52.0	907	BOX
							K 40	1.7E-2		PLASTIC,							
							FE 55	5.1E-3		PAPER &							
							CO 60	5.0E-4		CLOTH							
							TC 99	1.0E-4									
							CS137	7.0E-4									
HB2	840906	84005	650	2.0	1.0	DNA	C 14	1.7E-3		PLASTIC,		SOLID	DRY WASTES	LSA	7.5	250	DRUM
							K 40	1.5E-2		PAPER,							
							FE 55	4.3E-3		CLOTH &							
							CO 60	4.0E-4		METAL							
							NI 63	1.0E-4									
							TC 99	1.0E-4									
							CS137	6.0E-4									
							EU152	2.0E-4									
							EU154	1.0E-4									
							EU155	1.0E-4									
HB2	840906	84019	650	2.0	1.0	DNA	C 14	1.0E-3		PLASTIC,		SOLID	DRY WASTES	LSA	.7.5	164	DRUM
							K 40	9.1E-3		PAPER,							
							FE 55	2.7E-3		CLOTH &							
							CO 60	2.0E-4		METAL							
							NI 63	1.0E-4									
							TC 99	1.0E-4									
							CS137	4.0E-4									
							EU152	1.0E-4									
							EU154	1.0E-4									
							EU155	1.0E-4									
HB2	840906	83068	650	5.0	<1	DNA	C 14	1.6E-3		METAL,WOOD		SOLID	DRY WASTES	LSA	7.5	234	DRUM
							K 40	9.7E-3		PLASTIC,							
							FE 55	2.8E-3		PAPER &							
							CO 60	3.0E-4		CLOTH							
							TC 99	1.0E-4									
							CS137	4.0E-4									
							EU152	1.0E-4									
HB2	840906	83071	650	50.0	5.0	DNA	C 14	1.8E-3		PAPER,		SOLID	DRY WASTES	LSA	7.5	270	DRUM
							K 40	1.0E-1		PLASTIC,							
							FE 55	2.9E-2		CLOTH &							
							CO 60	2.7E-3		METAL							
							NI 63	7.0E-4									
							SR 90	2.0E-4									
							NB 94	1.0E-4									
							TC 99	6.0E-4									
							RU106	2.0E-4									
							SB125	4.0E-4									
							SN126	1.0E-4									
							CS134	1.0E-4									
							CS137	4.2E-3									

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
							CE144	1.0E-4									
							EU152	1.2E-3									
							EU154	7.0E-4									
							EU155	7.0E-4									
							HO166M	2.0E-4									
							PU241	4.0E-4									
HB2	840906	84011	650	1.0	<1	DNA	C 14	1.0E-3		PLASTIC, PAPER, CLOTH & METAL		SOLID	DRY WASTES	LSA	7.5	170	DRUM
							K 40	9.1E-3									
							FE 55	2.7E-3									
							CO 60	2.0E-4									
							NI 63	1.0E-4									
							TC 99	1.0E-4									
							CS137	4.0E-4									
							EU152	1.0E-4									
							EU154	1.0E-4									
							EU155	1.0E-4									
HB2	840906	84008	650	60.0	5.0	DNA	C 14	1.0E-3		PAPER, PLASTIC, CLOTH & METAL		SOLID	DRY WASTES	LSA	7.5	170	DRUM
							K 40	1.1E-2									
							FE 55	3.2E-2									
							CO 60	3.0E-3									
							NI 63	8.0E-4									
							SR 90	2.0E-4									
							NB 94	1.0E-4									
							TC 99	7.0E-4									
							RU106	2.0E-4									
							AG108M	1.0E-4									
							SB125	4.0E-4									
							SN126	1.0E-4									
							CS134	2.0E-4									
							CS137	4.6E-3									
							CE144	1.0E-4									
							EU152	1.3E-3									
							EU154	8.0E-4									
							EU155	8.0E-4									
							HO166M	2.0E-4									
							PU241	5.0E-4									
HB2	840906	84035	650	1.0	<1	DNA	C 14	1.4E-3		PAPER,WOOD PLASTIC, CLOTH & METAL		SOLID	DRY WASTES	LSA	7.5	218	DRUM
							K 40	9.6E-3									
							FE 55	2.8E-3									
							CO 60	3.0E-4									
							TC 99	1.0E-4									
							CS137	4.0E-4									
							EU152	1.0E-4									
HB2	840906	84027	650	14.0	2.0	DNA	C 14	1.1E-3		GLASS PLASTIC, PAPER, CLOTH & METAL		SOLID	DRY WASTES	LSA	7.5	179	DRUM
							K 40	3.7E-2									
							FE 55	1.1E-2									
							CO 60	1.0E-3									
							NI 63	3.0E-4									
							TC 99	2.0E-4									

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	MR/HR CAB	RADIONUCLIDE NAME	RADIONUCLIDE CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	I Y P E	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
							RU106	1.0E-4									
							SB125	1.0E-4									
							CS137	1.6E-3									
							EU152	5.0E-4									
							EU154	3.0E-4									
							EU155	3.0E-4									
							PU241	2.0E-4									
HB2	840906	84033	650	5.0	1.0	DNA	C 14	8.0E-4		GLASS,		SOLID	DRY WASTES	LSA	7.5	141	DRUM
							K 40	1.8E-2		PLASTIC,							
							FE 55	5.2E-3		PAPER,							
							CO 60	5.0E-4		CLOTH &							
							NI 63	1.0E-4		METAL							
							TC 99	1.0E-4									
							SB125	1.0E-4									
							CS137	7.0E-4									
							EU152	2.0E-4									
							EU154	1.0E-4									
							EU155	1.0E-4									
							PU241	1.0E-4									
HB2	840906	84045	650	<1	<0.1	DNA	C 14	1.1E-3		PLASTIC,		SOLID	DRY WASTES	LSA	7.5	181	DRUM
							K 40	9.3E-3		PAPER,WOOD							
							FE 55	2.7E-3		ASBESTOS,							
							CO 60	3.0E-4		METAL &							
							NI 63	1.0E-4		CLOTH							
							TC 99	1.0E-4									
							CS137	4.0E-4									
							EU152	1.0E-4									
							EU154	1.0E-4									
							EU155	1.0E-4									
HB2	841009	84067	650	4	<1	DNA	H 3	2.50E-5		METAL		SOLID	DRY WASTES	LSA	96.0	3584	BOX
							C 14	2.50E-2		OXIDES ON							
							K 40	1.89E-1		METAL,							
							FE 55	5.50E-2		PAPER,							
							CO 60	5.1E-3		RUBBER,							
							TC 99	1.2E-3		CLOTH,WOOD							
							I 129	1.9E-5		& PLASTIC							
							CS137	7.9E-3									
							EU152	2.3E-3									
HB2	841009	84072	650	1	<0.1	DNA	H 3	1.3E-5		METAL		SOLID	DRY WASTES	LSA	52.0	1160	BOX
							C 14	6.6E-3		OXIDES ON							
							K 40	1.98E-2		METAL,WOOD							
							FE 55	5.8E-3		PLASTIC,							
							CO 60	5.0E-4		PAPER &							
							TC 99	1.0E-4		CLOTH							
							I 129	2.0E-6									
							CS137	8.0E-4									
HB2	841009	84068	650	2	<1	DNA	H 3	2.5E-5		METAL		SOLID	DRY WASTES	LSA	96.0	5500	BOX
							C 14	4.03E-2		OXIDES ON							
							K 40	1.46E-1		METAL,WOOD							

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT 6 FEET	MR/HR CAB	RADIONUCLIDE NAME	RADIONUCLIDE CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
						FE 55	4.25E-2		PLASTIC,							
						CO 60	3.9E-3		PAPER &							
						TC 99	9.0E-4		WOOD							
						I 129	1.5E-5									
						CS137	6.1E-3									
HB2	841009	84062	650	6	<1	DNA H 3	2.5E-5		METAL		SOLID	DRY WASTES	LSA	96.0	3757	BOX
						C 14	2.63E-2		OXIDES ON							
						K 40	2.99E-1		ROCK,DIRT							
						FE 55	8.72E-2		METAL,WOOD							
						CO 60	8.1E-3		PAPER &							
						NI 63	2.1E-3		PLASTIC							
						TC 99	1.8E-3									
						I 129	3.1E-5									
						CS137	1.25E-2									
						EU152	3.6E-3									
						EU154	2.2E-3									
						EU155	2.1E-3									
HB2	841009	83063	650	<1	<0.1	DNA H 3	1.3E-5		METAL		SOLID	DRY WASTES	LSA	52.0	2843	BOX
						C 14	2.01E-2		OXIDES ON							
						K 40	3.95E-2		DIRT &							
						FE 55	1.15E-2		ASPHALT							
						TC 99	2.0E-4									
						I 129	4.0E-6									
						CS137	1.7E-3									
HB2	841009	84058	650	2	<0.1	DNA H 3	1.3E-5		METAL		SOLID	DRY WASTES	LSA	52.0	3196	BOX
						C 14	2.29E-2		OXIDES ON							
						K 40	8.80E-2		DIRT &							
						FE 55	2.57E-2		STEEL							
						CO 60	2.4E-3									
						TC 99	5.0E-4									
						I 129	9.0E-6									
						CS137	3.7E-3									
HB2	841009	84025	650	5	<0.1	DNA H 3	1.3E-5		METAL		SOLID	DRY WASTES	LSA	52.0	4048	BOX
						C 14	2.97E-2		OXIDES ON							
						K 40	2.77E-1		ASPHALT,							
						FE 55	8.08E-2		STEEL &							
						CO 60	7.5E-3		WOOD							
						NI 63	1.9E-3									
						TC 99	1.7E-3									
						I 129	2.9E-5									
						CS137	1.16E-2									
						EU152	3.4E-3									
						EU154	2.0E-3									
						EU155	2.0E-3									
HB2	841009	84064	650	<1	<0.1	DNA H 3	1.3E-5		METAL		SOLID	DRY WASTES	LSA	52.0	3420	BOX
						C 14	2.47E-2		OXIDES ON							
						K 40	4.74E-2		METAL,ROCK							
						FE 55	1.38E-2		PAPER,WOOD							
						TC 99	3.0E-4		CLOTH,DIRT							

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TY P	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
							I 129	5.0E-6		RUBBER &							
							CS137	2.0E-3		PLASTIC							
HB2	841009	84023	650	<1	<0.1	DNA	H 3	1.3E-5		METAL		SOLID	DRY WASTES	LSA	52.0	3464	BOX
							C 14	2.50E-2		OXIDES ON							
							K 40	4.77E-2		ASPHALT,							
							FE 55	1.39E-2		METAL &							
							TC 99	3.0E-4		WOOD							
							I 129	5.0E-6									
							CS137	2.0E-3									
HB2	841009	84063	650	7	1	DNA	H 3	1.3E-5		METAL		SOLID	DRY WASTES	LSA	52.0	4578	BOX
							C 14	3.39E-2		OXIDES ON							
							K 40	4.61E-1		ROCK, METAL							
							FE 55	1.35E-1		DIRT, PAPER							
							CO 60	1.25E-2		CLOTH &							
							NI 63	3.2E-3		PLASTIC							
							SR 90	8.0E-4									
							TC 99	2.9E-3									
							I 129	4.8E-5									
							CS137	1.93E-2									
							EU152	5.6E-3									
							EU154	3.3E-3									
							EU155	3.3E-3									
HB2	841009	84061	650	<1	<0.1	DNA	H 3	1.3E-5		METAL		SOLID	DRY WASTES	LSA	52.0	2220	BOX
							C 14	1.51E-2		OXIDES ON							
							K 40	3.16E-2		STEEL,							
							FE 55	9.2E-3		WOOD &							
							TC 99	2.0E-4		ALUMINUM							
							I 129	3.0E-6									
							CS137	1.3E-3									
HB2	841009	84059	650	<1	<0.1	DNA	H 3	1.3E-5		METAL		SOLID	DRY WASTES	LSA	52.0	4927	BOX
							C 14	3.67E-2		OXIDES ON							
							K 40	7.18E-2		DIRT &							
							FE 55	2.10E-2		METAL							
							TC 99	4.0E-4									
							I 129	7.0E-6									
							CS137	3.0E-3									
HB2	841204	84132	650	<1	<1	DNA	H 3	1.7E-8		ABSORBED		SOLID	SODIUM	LSA	7.5	446	DRUM
							C 14	3.3E-3		BORATE			BORATE IN				
							TC 99	2.0E-6		SOLUTION			WATER				
							I 129	3.3E-8									
							CS137	8.5E-4									
HB2	841204	84131	650	<1	<1	DNA	H 3	1.7E-8		ABSORBED		SOLID	SODIUM	LSA	7.5	458	DRUM
							C 14	3.3E-3		BORATE			BORATE IN				
							TC 99	2.0E-6		SOLUTION			WATER				
							I 129	3.3E-8									
							CS137	8.5E-4									
HB2	841204	84130	650	<1	<1	DNA	H 3	1.7E-8		ABSORBED		SOLID	SODIUM	LSA	7.5	463	DRUM
							C 14	3.3E-3		BORATE			BORATE IN				
							TC 99	2.0E-6		SOLUTION			WATER				

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
							I 129	3.3E-8									
							CS137	8.5E-4									
HB2	841204	84129	650	<1	<1	DNA	H 3	1.7E-8		ABSORBED BORATE SOLUTION		SOLID	SODIUM BORATE IN WATER	LSA	7.5	422	DRUM
							C 14	3.3E-3									
							TC 99	2.0E-6									
							I 129	3.3E-8									
							CS137	8.5E-4									
HB2	841204	84128	650	<1	<1	DNA	H 3	1.7E-8		ABSORBED BORATE SOLUTION		SOLID	SODIUM BORATE IN WATER	LSA	7.5	435	DRUM
							C 14	3.3E-3									
							TC 99	2.0E-6									
							I 129	3.3E-8									
							CS137	8.5E-4									
HB2	841204	84127	650	<1	<1	DNA	H 3	1.7E-8		ABSORBED BORATE SOLUTION		SOLID	SODIUM BORATE IN WATER	LSA	7.5	430	DRUM
							C 14	3.3E-3									
							TC 99	2.0E-6									
							I 129	3.3E-8									
							CS137	8.5E-4									
HB2	841204	84126	650	<1	<1	DNA	H 3	1.7E-8		ABSORBED BORATE SOLUTION		SOLID	SODIUM BORATE IN WATER	LSA	7.5	425	DRUM
							C 14	3.3E-3									
							TC 99	2.0E-6									
							I 129	3.3E-8									
							CS137	8.5E-4									
HB2	841204	84125	650	<1	<1	DNA	H 3	1.7E-8		ABSORBED BORATE SOLUTION		SOLID	SODIUM BORATE IN WATER	LSA	7.5	439	DRUM
							C 14	3.3E-3									
							TC 99	2.0E-6									
							I 129	3.3E-8									
							CS137	8.5E-4									
HB2	841204	84124	650	<1	<1	DNA	H 3	1.7E-8		ABSORBED BORATE SOLUTION		SOLID	SODIUM BORATE IN WATER	LSA	7.5	371	DRUM
							C 14	3.3E-3									
							TC 99	2.0E-6									
							I 129	3.3E-8									
							CS137	8.5E-4									
HB2	841204	84123	650	<1	<1	DNA	H 3	1.9E-6		ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7.5	338	DRUM
							C 14	2.4E-3									
							FE 55	2.0E-3									
							CO 60	1.8E-4									
							TC 99	4.2E-5									
							I 129	6.9E-7									
HB2	841204	84122	650	<1	<1	DNA	H 3	1.9E-6		ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7.5	346	DRUM
							C 14	2.4E-3									
							FE 55	2.0E-3									
							CO 60	1.8E-4									
							TC 99	4.2E-5									
							I 129	6.9E-7									
HB2	841204	84121	650	<1	<1	DNA	H 3	1.9E-6		ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7.5	332	DRUM
							C 14	2.4E-3									
							FE 55	2.0E-3									
							CO 60	1.8E-4									
							TC 99	4.2E-5									

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*FAC COD	SHIP DATE	ITEM NUM	LEN MILES	<------ MR/HR -----> CONTCT	6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	<--- WASTE---> VOLUME FT**3	WEIGHT POUNDS	CONTAINER TYPE
*							I 129	6.9E-7									
HB2	841204	84120	650	<1	<1	DNA	H 3	1.9E-6		ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7.5	326	DRUM
*							C 14	2.4E-3									
*							FE 55	2.0E-3									
*							CO 60	1.8E-4									
*							TC 99	4.2E-5									
*							I 129	6.9E-7									
HB2	841204	84119	650	<1	<1	DNA	H 3	1.9E-6		ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7.5	341	DRUM
*							C 14	2.4E-3									
*							FE 55	2.0E-3									
*							CO 60	1.8E-4									
*							TC 99	4.2E-5									
*							I 129	6.9E-7									
HB2	841204	84118	650	<1	<1	DNA	H 3	1.9E-6		ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7.5	336	DRUM
*							C 14	2.4E-3									
*							FE 55	2.0E-3									
*							CO 60	1.8E-4									
*							TC 99	4.2E-5									
*							I 129	6.9E-7									
HB2	841204	84117	650	<1	<1	DNA	H 3	1.9E-6		ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7.5	311	DRUM
*							C 14	2.4E-3									
*							FE 55	2.0E-3									
*							CO 60	1.8E-4									
*							TC 99	4.2E-5									
*							I 129	6.9E-7									
HB2	841204	84116	650	<1	<1	DNA	H 3	1.9E-6		ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7.5	338	DRUM
*							C 14	2.4E-3									
*							FE 55	2.0E-3									
*							CO 60	1.8E-4									
*							TC 99	4.2E-5									
*							I 129	6.9E-7									
HB2	841204	84115	650	<1	<1	DNA	H 3	1.9E-6		ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7.5	288	DRUM
*							C 14	2.4E-3									
*							FE 55	2.0E-3									
*							CO 60	1.8E-4									
*							TC 99	4.2E-5									
*							I 129	6.9E-7									
HB2	841204	84114	650	<1	<1	DNA	H 3	1.9E-6		ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7.5	342	DRUM
*							C 14	2.4E-3									
*							FE 55	2.0E-3									
*							CO 60	1.8E-4									
*							TC 99	4.2E-5									
*							I 129	6.9E-7									
HB2	841204	84113	650	<1	<1	DNA	H 3	1.9E-6		ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7.5	280	DRUM
*							C 14	2.4E-3									
*							FE 55	2.0E-3									
*							CO 60	1.8E-4									
*							TC 99	4.2E-5									
*							I 129	6.9E-7									

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HUMBOLDT UNC DDS - SHIPMENT REPORT M 194 C

FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT @ 6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
HB2	841204	84112	650	<1	<1	DNA	H 3	1.9E-6								
							C 14	2.4E-3								
							FE 55	2.0E-3								
							CO 60	1.8E-4								
							TC 99	4.2E-5								
							I 129	6.9E-7								
									ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7.5	320	DRUM
HB2	841204	84074	650	4	<1	DNA	H 3	3.4E-5								
							C 14	1.1E-2								
							K 40	5.6E-2								
							FE 55	1.7E-2								
							CO 60	1.5E-4								
							TC 99	3.5E-4								
							I 129	5.8E-6								
							CS137	2.4E-3								
							EU152	6.9E-4								
									METAL OXIDES ON STEEL, WOOD & PLASTIC		SOLID	DRY WASTES	LSA	96.0	1863	BOX
HB2	841204	84060	650	8	<1	DNA	H 3	1.3E-5								
							C 14	4.1E-2								
							K 40	2.1E-1								
							FE 55	6.1E-2								
							CO 60	5.7E-3								
							TC 99	1.3E-3								
							I 129	2.2E-5								
							CS137	8.8E-3								
							EU152	2.6E-3								
									METAL OXIDES ON STEEL & DIRT		SOLID	DRY METAL OXIDES IN DIRT	LSA	52.0	5500	BOX
HB2	841204	83059	650	1	<1	DNA	H 3	1.9E-6								
							C 14	1.5E-3								
							K 40	9.7E-3								
							FE 55	2.8E-3								
							CO 60	2.6E-4								
							TC 99	6.0E-5								
							I 129	1.0E-8								
							CS137	4.1E-4								
							EU152	1.2E-4								
									METAL OXIDES ON PLASTIC, PAPER & CLOTH		SOLID	DRY WASTES	LSA	7.5	230	DRUM
HB2	841204	84077	650	<1	<1	DNA	H 3	1.9E-6								
							C 14	9.7E-4								
							K 40	9.1E-3								
							FE 55	2.7E-3								
							CO 60	2.5E-4								
							NI 63	6.4E-5								
							TC 99	5.6E-5								
							I 129	9.4E-7								
							CS137	3.8E-4								
							EU152	1.1E-4								
							EU154	6.6E-5								
							EU155	6.5E-5								
									METAL OXIDES ON PLASTIC, PAPER, CLOTH & ASBESTOS		SOLID	DRY WASTES	LSA	7.5	161	DRUM
HB2	841204	84078	650	<1	<1	DNA	H 3	1.9E-6								
							C 14	1.4E-3								
							K 40	9.6E-3								
							FE 55	2.8E-3								
									METAL OXIDES ON PLASTIC, PAPER,		SOLID	DRY WASTES	LSA	7.5	218	DRUM

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRIPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
							CO 60	2.6E-4		CLOTH &							
							TC 99	6.0E-5		ASBESTOS							
							I 129	9.9E-7									
							CS137	4.0E-4									
							EU152	1.2E-4									
HB2	841204	84079	650	<1	<1	DNA	H 3	1.9E-6		METAL		SOLID	DRY WASTES	LSA	7.5	261	DRUM
							C 14	1.8E-3		OXIDES ON							
							K 40	9.9E-3		PLASTIC,							
							FE 55	2.9E-3		PAPER,							
							CO 60	2.7E-4		CLOTH &							
							TC 99	6.2E-5		ASBESTOS							
							I 129	1.0E-6									
							CS137	4.2E-4									
							EU152	1.2E-4									
HB2	841204	84080	650	<1	<1	DNA	H 3	1.9E-6		METAL		SOLID	DRY WASTES	LSA	7.5	215	DRUM
							C 14	1.4E-3		OXIDES ON							
							K 40	9.6E-3		PLASTIC,							
							FE 55	2.8E-3		PAPER,							
							CO 60	2.6E-4		CLOTH &							
							TC 99	5.9E-5		ASBESTOS							
							I 129	9.9E-7									
							CS137	4.0E-4									
							EU152	1.2E-4									
HB2	841204	84081	650	<1	<1	DNA	H 3	1.9E-6		METAL		SOLID	DRY WASTES	LSA	7.5	230	DRUM
							C 14	1.5E-3		OXIDES ON							
							K 40	9.7E-3		PLASTIC,							
							FE 55	2.8E-3		PAPER,							
							CO 60	2.6E-4		CLOTH &							
							TC 99	6.0E-5		ASBESTOS							
							I 129	1.0E-6									
							CS137	4.1E-4									
							EU152	1.2E-4									
HB2	841204	84082	650	<1	<1	DNA	H 3	1.9E-6		METAL		SOLID	DRY WASTES	LSA	7.5	228	DRUM
							C 14	1.5E-3		OXIDES ON							
							K 40	9.7E-3		PLASTIC,							
							FE 55	2.8E-3		PAPER,							
							CO 60	2.6E-4		CLOTH &							
							TC 99	6.0E-5		ASBESTOS							
							I 129	1.0E-6									
							CS137	4.1E-4									
							EU152	1.2E-4									
HB2	841204	84083	650	<1	<1	DNA	H 3	1.9E-6		METAL		SOLID	DRY WASTES	LSA	7.5	324	DRUM
							C 14	2.3E-3		OXIDES ON							
							K 40	1.0E-2		PLASTIC,							
							FE 55	3.0E-3		PAPER,							
							CO 60	2.8E-4		CLOTH &							
							TC 99	6.4E-5		ASBESTOS							
							I 129	1.1E-6									
							CS137	4.3E-4									

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HUMBOLDT UNC DDS - SHIPMENT REPORT M 194 C

FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
HB2	841204	84088	650	<1	<1	DNA	H 3	1.9E-6		METAL OXIDES ON PLASTIC, PAPER, CLOTH & ASBESTOS		SOLID	DRY WASTES	LSA	7.5	186	DRUM
							C 14	1.2E-3									
							K 40	9.4E-3									
							FE 55	2.7E-3									
							CO 60	2.5E-4									
							TC 99	5.8E-5									
							I 129	9.6E-6									
							CS137	3.9E-4									
							EU152	1.1E-4									
							EU154	6.8E-5									
HB2	841204	84089	650	<1	<1	DNA	H 3	1.9E-6		METAL OXIDES ON PLASTIC, PAPER, CLOTH & ASBESTOS		SOLID	DRY WASTES	LSA	7.5	209	DRUM
							C 14	1.4E-3									
							K 40	9.6E-3									
							FE 55	2.8E-3									
							CO 60	2.6E-4									
							TC 99	5.9E-5									
							I 129	9.8E-7									
							CS137	4.0E-4									
							EU152	1.2E-4									
HB2	841204	84090	650	<1	<1	DNA	H 3	1.9E-6		METAL OXIDES ON PLASTIC, PAPER, CLOTH & ASBESTOS		SOLID	DRY WASTES	LSA	7.5	185	DRUM
							C 14	1.2E-3									
							K 40	9.3E-3									
							FE 55	2.7E-3									
							CO 60	2.5E-4									
							TC 99	5.8E-5									
							I 129	9.6E-7									
							CS137	3.9E-4									
							EU152	1.1E-4									
							EU154	6.7E-5									
							EU155	6.6E-5									
HB2	841204	84091	650	<1	<1	DNA	H 3	1.9E-6		METAL OXIDES ON PLASTIC, PAPER, CLOTH & ASBESTOS		SOLID	DRY WASTES	LSA	7.5	199	DRUM
							C 14	1.3E-3									
							K 40	9.5E-3									
							FE 55	2.8E-3									
							CO 60	2.6E-4									
							TC 99	5.9E-5									
							I 129	9.8E-7									
							CS137	4.0E-4									
							EU152	1.2E-4									
HB2	841204	84111	650	<1	<1	DNA	H 3	1.9E-6		ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7.5	325	DRUM
							C 14	2.4E-3									
							FE 55	2.0E-3									
							CO 60	1.8E-4									
							TC 99	4.2E-5									
							I 129	6.9E-7									
HB2	841204	84107	650	<1	<1	DNA	H 3	1.9E-6		ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7.5	361	DRUM
							C 14	2.4E-3									
							FE 55	2.0E-3									
							CO 60	1.8E-4									

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT	MR/HR 6 FEET	CAB	RA NAME	NUCLIDE CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TY P	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
							TC 99	4 2E-5									
							I 129	6 [illegible]-7									
HB2	841204	84106	650	1	<1	DNA	H 3	1 9E-6		ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7 5	357	DRUM
							C 14	2 4E-3									
							FE 55	3 1E-3									
							CO 60	2 9E-4									
							TC 99	6 7E-5									
							I 129	1 1E-6									
HB2	841204	84105	650	1	<1	DNA	H 3	1 9E-6		ABSORBED OIL		SOLID	ABSORBED ORGANIC LIQUID	LSA	7 5	254	DRUM
							C 14	2 4E-3									
							FE 55	3 1E-3									
							CO 60	2 9E-4									
							TC 99	6 7E-5									
							I 129	1 1E-6									
HB2	841204	84084	650	<1	<1	DNA	H 3	1 9E-6		METAL OXIDES ON PLASTIC, PAPER, CLOTH & ASBESTOS		SOLID	DRY WASTES	LSA	7 5	238	DRUM
							C 14	1 6E-3									
							K 40	9 8E-3									
							FE 55	2 9E-3									
							CO 60	2 6E-4									
							TC 99	6 1E-5									
							I 129	1 0E-6									
							CS137	4 1E-4									
							EU152	1 2E-4									
HB2	841204	84086	650	<1	<1	DNA	H 3	1 9E-6		METAL OXIDES ON PLASTIC, PAPER, CLOTH & ASBESTOS		SOLID	DRY WASTES	LSA	7 5	174	DRUM
							C 14	1 1E-3									
							K 40	9 2E-3									
							FE 55	2 7E-3									
							CO 60	2 5E-4									
							NI 63	6 5E-5									
							TC 99	5 7E-5									
							I 129	9 5E-7									
							CS137	3 9E-4									
							EU152	1 1E-4									
							EU154	6 7E-5									
							EU155	6 6E-5									
HB2	841204	84085	650	4	<1	DNA	H 3	1 9E-6		METAL OXIDES ON PLASTIC, PAPER, CLOTH & ASBESTOS		SOLID	DRY WASTES	LSA	7 5	253	DRUM
							C 14	1 7E-3									
							K 40	9 9E-3									
							FE 55	2 9E-3									
							CO 60	2 7E-4									
							TC 99	6 1E-5									
							I 129	1 0E-6									
							CS137	4 1E-4									
							EU152	1 2E-4									
HB2	841204	84076	650	2	<1	DNA	H 3	1 9E-6		METAL OXIDES ON PLASTIC, PAPER, CLOTH &		SOLID	DRY WASTES	LSA	7 5	221	DRUM
							C 14	1 5E-3									
							K 40	9 7E-3									
							FE 55	2 8E-3									
							CO 60	2 6E-4									

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HUMBOLDT UNC DDS - SHIPMENT REPORT M 194 C

FAC COD	SHIP DATE	ITEM NUM	LEN MILES	<------ MR/HR 6 FEET -----> CONTCT	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRIPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	<--- WASTE---> VOLUME FT**3	WEIGHT POUNDS	CONTAINER TYPE
						TC 99	6.0E-5		ASBESTOS							
						I 129	9.9E-7									
						CS137	4.0E-4									
						EU152	1.2E-4									
HB2	841204	84075	650	6	<1 DNA	H 3	1.9E-6		METAL		SOLID	DRY WASTES	LSA	7.5	281	DRUM
						C 14	1.9E-3		OXIDES ON							
						K 40	1.0E-2		PLASTIC,							
						FE 55	2.9E-3		PAPER,							
						CO 60	2.7E-4		CLOTH &							
						TC 99	6.2E-5		ASBESTOS							
						I 129	1.0E-6									
						CS137	4.2E-4									
						EU152	1.2E-4									
HB2	841204	84071	650	7	<1 DNA	H 3	1.9E-6		METAL		SOLID	DRY WASTES	LSA	7.5	340	DRUM
						C 14	2.4E-3		OXIDES ON							
						K 40	2.1E-2		PLASTIC,							
						FE 55	6.1E-3		PAPER,WOOD							
						CO 60	5.6E-4		CLOTH &							
						NI 63	1.5E-4		STEEL							
						TC 99	1.3E-4									
						I 129	2.2E-6									
						CS137	8.7E-4									
						EU152	2.5E-4									
						EU154	1.5E-4									
						EU155	1.5E-4									
HB2	841204	84070	650	2	<1 DNA	H 3	1.9E-6		METAL		SOLID	DRY WASTES	LSA	7.5	248	DRUM
						C 14	1.7E-3		OXIDES ON							
						K 40	9.9E-3		PLASTIC,							
						FE 55	2.9E-3		PAPER,WOOD							
						CO 60	2.7E-4		CLOTH &							
						TC 99	6.1E-5		STEEL							
						I 129	1.0E-6									
						CS137	4.1E-4									
						EU152	1.2E-4									
HB2	841204	84069	650	12	<1 DNA	H 3	1.9E-6		METAL		SOLID	DRY WASTES	LSA	7.5	231	DRUM
						C 14	1.5E-3		OXIDES ON							
						K 40	1.9E-2		PLASTIC,							
						FE 55	5.7E-3		PAPER,WOOD							
						CO 60	5.3E-4		CLOTH &							
						NI 63	1.4E-4		STEEL							
						TC 99	1.2E-4									
						I 129	2.0E-6									
						CS137	8.2E-4									
						EU152	2.4E-4									
						EU154	1.4E-4									
						EU155	1.4E-4									
HB2	841204	84056	650	<1	<1 DNA	H 3	1.9E-6		METAL		SOLID	DRY WASTES	LSA	7.5	484	DRUM
						C 14	3.6E-3		OXIDES							
						K 40	1.1E-2									

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FAC COD	SHIP DATE	ITEM NUM	LEN MILES	MR/HR CONTCT @ 6 FEET	CAB	RADIONUCLIDE NAME	CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TYP	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	WASTE VOLUME FT**3	WASTE WEIGHT POUNDS	CONTAINER TYPE
						FE 55	3.2E-3									
						CO 60	3.0E-4									
						TC 99	6.9E-5									
						I 129	1.1E-6									
						CS137	4.7E-4									
HB2	841204	84054	650	16	<1	DNA H 3	1.9E-6		METAL		SOLID	DRY WASTES	LSA	7.5	362	DRUM
						C 14	2.6E-3		OXIDES ON							
						K 40	2.1E-2		PLASTIC,							
						FE 55	6.2E-3		PAPER WOOD							
						CO 60	5.7E-4		CLOTH &							
						NI 63	1.5E-4		STEEL							
						TC 99	1.3E-4									
						I 129	2.2E-6									
						CS137	8.8E-4									
						EU152	2.6E-4									
						EU154	1.5E-4									
						EU155	1.5E-4									
HB2	841204	84053	650	12	<1	DNA H 3	1.9E-6		METAL		SOLID	DRY WASTES	LSA	7.5	325	DRUM
						C 14	2.3E-3		OXIDES ON							
						K 40	2.1E-2		PLASTIC,							
						FE 55	6.0E-3		PAPER,WOOD							
						CO 60	5.6E-4		CLOTH,							
						NI 63	1.5E-4		GLASS &							
						TC 99	1.3E-4		STEEL							
						I 129	2.1E-6									
						CS137	8.7E-4									
						EU152	2.5E-4									
						EU154	1.5E-4									
						EU155	1.5E-4									
HB2	841204	84034	650	6	<1	DNA H 3	1.9E-6		METAL		SOLID	DRY WASTES	LSA	7.5	187	DRUM
						C 14	1.2E-3		OXIDES ON							
						K 40	9.4E-3		PLASTIC,							
						FE 55	2.7E-3		PAPER,WOOD							
						CO 60	2.5E-4		CLOTH &							
						TC 99	5.8E-5		STEEL							
						I 129	9.6E-7									
						CS137	3.9E-4									
						EU152	1.1E-4									
						EU154	6.8E-5									
HB2	841204	84004	650	8	<1	DNA H 3	1.9E-6		METAL		SOLID	DRY WASTES	LSA	7.5	260	DRUM
						C 14	1.8E-3		OXIDES ON							
						K 40	2.0E-2		PLASTIC,							
						FE 55	5.8E-3		PAPER,WOOD							
						CO 60	5.4E-4		CLOTH &							
						NI 63	1.4E-4		STEEL							
						TC 99	1.2E-4									
						I 129	2.0E-6									
						CS137	8.3E-4									
						EU152	2.4E-4									

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HUMBOLDT UNC DDS - SHIPMENT REPORT M 194 C

*FAC COD	SHIP DATE	ITEM NUM	LEN MILES	<------ MR/HR CONTCT	6 FEET ----->	CAB	RADION NAME	UCLIDE CURIES	ACTIVITY SPEC NO	WASTE DESCRPTION	TY P	PHYS FORM	CHEMICAL FORM	DOT SHIP CLASS	<--- WASTE---> VOLUME FT**3	WEIGHT POUNDS	CONTAINER TYPE
*							EU154	1.4E-4									
*							EU155	1.4E-4									
HB2	841204	84092	650	7	<1	DNA	H 3	1.9E-6		METAL		SOLID	DRY WASTES	LSA	7.5	204	DRUM
*							C 14	1.3E-3		OXIDES ON							
*							K 40	9.5E-3		PLASTIC,							
*							FE 55	2.8E-3		PAPER &							
*							CO 60	2.6E-4		CLOTH							
*							TC 99	5.9E-5									
*							I 129	9.7E-7									
*							CS137	4.0E-4									
*							EU152	1.2E-4									

..... END REPORT .....

3.0 COMPUTER REPORTS

3.10 Disposal Cost Report

This report records costs associated with each waste disposal shipment. Costs are divided into transportation, burial, and container categories. Costs for each container type on the shipment are also listed.

Disposal costs for waste shipments relating to the preparation for SAFSTOR of the Humboldt Bay Power Plant Unit 3 will be included in the final summary report.

3.0 COMPUTER REPORTS

3.11 Surveillance Report

This report records annual costs and exposures associated with long-term surveillance of a decommissioned facility. Under normal conditions a surveillance report is not provided for a facility decommissioned under Mode DECON.

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HUMBOLDT UNC DDS - SURVEILLANCE REPORT M 194 E

*FAC COD	YEAR	DECOM MODE	S / M	EXPENDITURE ITEM	FREQ	ANNUAL MAN-REM	ANNUAL MAN-HOURS	ANNUAL COST $	EXPENDITURE ITEM DESCRIPTION
					NOTE 1				
	1983	SAFSTOR		SURV-MAINT		1.7000	DNA	DNA	DNA OPERATING PERSONNEL
	1983	SAFSTOR		RADIOLOGIC		1.0000	DNA	DNA	DNA HP PERSONNEL
	1983	SAFSTOR		SURV-MAINT		0.2000	DNA	DNA	DNA SUPERVISORY PERSONNEL
	1983	SAFSTOR		MAINT		3.2000	DNA	DNA	DNA MAINT PERSONNEL
	1983	SAFSTOR		MAINT		1.2000	DNA	DNA	DNA HP PERSONNEL
	1983	SAFSTOR		MAINT		0.3000	DNA	DNA	DNA ENGINEERING PERSONNEL
	1983	SAFSTOR		WASTE PROC		1.0000	DNA	DNA	DNA MAINT PERSONNEL
	1983	SAFSTOR		WASTE PROC		3.5000	DNA	DNA	DNA OPERATING PERSONNEL
	1983	SAFSTOR		WASTE PROC		0.8000	DNA	DNA	DNA HP PERSONNEL
	1983	SAFSTOR		WASTE PROC		0.4000	DNA	DNA	DNA ENGINEERING PERSONNEL
*									
*	SUBTOTAL 1983 ACTIVITIES					13.300			
	30YR	SAFSTOR	M	MAINT	ANNU	0.0210	600	DNA	DNA TURBINE PLANT COMPRESSED AIR
	30YR	SAFSTOR	M	MAINT	ANNU	0.0086	240	DNA	DNA TURBINE PLANT AFTER COOLER
	30YR	SAFSTOR	M	MAINT	ANNU	0.0086	240	DNA	DNA TURBINE PLANT SERVICE AIR RECEIVER
	30YR	SAFSTOR	M	MAINT	ANNU	0.0086	240	DNA	DNA TURBINE PLANT INSTRUMENT AIR RECEIVER
	30YR	SAFSTOR	M	MAINT	ANNU	0.0043	120	DNA	DNA TURBINE PLANT INSTRUMENT AIR FILTER
	30YR	SAFSTOR	M	MAINT	ANNU	0.0860	240	DNA	DNA TURBINE PLANT DEMIN WATER PUMP
	30YR	SAFSTOR	M	MAINT	ANNU	0.0043	DNA	DNA	DNA SERVICE SYSTEM DOMESTIC WATER
	30YR	SAFSTOR	M	MAINT	ANNU	DNA	960	DNA	DNA SERVICE SYSTEM BOOSTER PUMP
	30YR	SAFSTOR	M	MAINT	ANNU	DNA	480	DNA	DNA SERVICE SYSTEM AIR COMPRESSOR
	30YR	SAFSTOR	M	MAINT	ANNU	DNA	720	DNA	DNA SERVICE SYSTEM ACCUMULATOR
	30YR	SAFSTOR	M	MAINT	3	DNA	400	DNA	DNA SERVICE SYSTEM SHALLOW WELL PUMP
	30YR	SAFSTOR	M	MAINT	3	DNA	400	DNA	DNA SERVICE SYSTEM FRESH WATER TANK
	30YR	SAFSTOR	M	MAINT	3	0.0064	80	DNA	DNA SERVICE SYSTEM POST INDICATOR VALVES
	30YR	SAFSTOR	M	MAINT	ANNU	DNA	3600	DNA	DNA SERVICE SYSTEM FIRE PUMPS
	30YR	SAFSTOR	M	MAINT	.5	0.0086	480	DNA	DNA HVAC MULTIZONE AIR HANDLING
	30YR	SAFSTOR	M	MAINT	.5	0.0430	240	DNA	DNA HVAC AIR HANDLING UNIT NO 3
	30YR	SAFSTOR	M	MAINT	ANNU	0.0860	120	DNA	DNA HVAC REACTOR FEED PUMP SUPPLY FAN
	30YR	SAFSTOR	M	MAINT	3	0.0080	200	DNA	DNA HVAC REACTOR FEED PUMP EXHAUST FAN
	30YR	SAFSTOR	M	MAINT	3	0.1700	200	DNA	DNA HVAC TURBINE BUILDING EXHAUST PLENUM
	30YR	SAFSTOR	M	MAINT	3	0.0800	200	DNA	DNA HVAC REFUEL BUILDING EXHAUST PLENUM
	30YR	SAFSTOR	M	MAINT	5	0.0330	2400	DNA	DNA HVAC PLANT EXHAUST FAN
	30YR	SAFSTOR	M	MAINT	ANNU	0.1300	360	DNA	DNA HVAC DRYWELL PURGE FAN
	30YR	SAFSTOR	M	MAINT	ANNU	0.0021	120	DNA	DNA HVAC LABHOOD EXHAUST FAN
	30YR	SAFSTOR	M	MAINT	ANNU	0.0043	240	DNA	DNA HVAC ABSOLUTE FILTERS HOT LAB
	30YR	SAFSTOR	M	MAINT	ANNU	0.0043	240	DNA	DNA HVAC HEATING AND FAN UNIT-INST HOT MACHINE SHOP
	30YR	SAFSTOR	M	MAINT	3	0.0040	600	DNA	DNA HVAC EXHAUST FAN
	30YR	SAFSTOR	M	MAINT	ANNU	0.0043	240	DNA	DNA HVAC HEATING AND FAN UNIT-INST REPAIR ROOM
	30YR	SAFSTOR	M	MAINT	ANNU	0.4300	120	DNA	DNA SPENT FUEL POOL POOL LINER LEAKAGE PUMP
	30YR	SAFSTOR	M	MAINT	ANNU	0.8600	240	DNA	DNA SPENT FUEL POOL CIRC WATER PUMP
	30YR	SAFSTOR	M	MAINT	ANNU	0.4300	120	DNA	DNA SPENT FUEL POOL LEVEL INDICATOR
	30YR	SAFSTOR	M	MAINT	ANNU	1.9000	1200	DNA	DNA CRANE 75T GANTRY
	30YR	SAFSTOR	M	MAINT	ANNU	DNA	1200	DNA	DNA CRANE 25T SEMI GANTRY
	30YR	SAFSTOR	M	MAINT	ANNU	0.4300	240	DNA	DNA CRANE 2T HOIST
	30YR	SAFSTOR	M	MAINT	ANNU	0.0860	240	DNA	DNA CRANE 5T HOT MACHINE SHOP
	30YR	SAFSTOR	M	MAINT	ANNU	0.4300	1200	DNA	DNA SECURITY SYSTEM

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HUMBOLDT UNC DDS - SURVEILLANCE REPORT M 194 E

*FAC *COD	YEAR	DECOM MODE	S / M	EXPENDITUR ITEM	FREQ	ANNUAL MAN-REM	ANNUAL MAN-HOURS	COST $	EXPENDITURE ITEM DESCRIPTION
	30YR	SAFSTOR	M	MAINT	ANNU	0.8400	2400	DNA	ELECTRICAL MAINT PROTECTIVE SYSTEM
	30YR	SAFSTOR	M	MAINT	ANNU	0.1800	4800	DNA	ELECTRICAL MAINT ANNUNCIATOR SYSTEM
	30YR	SAFSTOR	M	MAINT	MNTH	0.0200	5800	DNA	ELECTRICAL MAINT COMMUNICATION SYSTEM
	30YR	SAFSTOR	M	WASTE PROC	ANNU	1.5000	230	DNA	LIQUID WASTE COLLECTION TBDT LEVEL CONTROLS
	30YR	SAFSTOR	M	WASTE PROC	4	3.5000	600	DNA	LIQUID WASTE COLLECTION TBDT CLEANOUT
	30YR	SAFSTOR	M	WASTE PROC	5	1.1000	200	DNA	LIQUID WASTE COLLECTION TBDT PUMPS
	30YR	SAFSTOR	M	WASTE PROC	ANNU	2.3000	230	DNA	LIQUID WASTE COLLECTION REDT LEVEL CONTROLS
	30YR	SAFSTOR	M	WASTE PROC	5	1.0000	120	DNA	LIQUID WASTE COLLECTION REDT CLEANOUT
	30YR	SAFSTOR	M	WASTE PROC	5	1.8000	200	DNA	LIQUID WASTE COLLECTION REDT PUMP
	30YR	SAFSTOR	M	WASTE PROC	.25	2.6000	480	DNA	LIQUID WASTE COLLECTION REACTOR CAISSON SUMP PUMP
	30YR	SAFSTOR	M	WASTE PROC	ANNU	0.0054	720	DNA	LIQUID WASTE COLLECTION YARD DRAIN SYSTEM
	30YR	SAFSTOR	M	WASTE PROC	ANNU	2.3000	230	DNA	LIQUID WASTE TREATMENT-RADWASTE BUILDING SUMP LEVEL CONTROLS
	30YR	SAFSTOR	M	WASTE PROC	ANNU	7.6000	460	DNA	LIQUID WASTE TREATMENT-RADWASTE BUILDING SUMP CLEANOUT
	30YR	SAFSTOR	M	WASTE PROC	ANNU	0.8600	240	DNA	LIQUID WASTE TREATMENT-RADWASTE BUILDING SUMP PUMP
	30YR	SAFSTOR	M	WASTE PROC	ANNU	0.4300	120	DNA	LIQUID WASTE TREATMENT-RADWASTE RECEIVER TANK (3) INSPECTION
	30YR	SAFSTOR	M	WASTE PROC	ANNU	1.5000	230	DNA	LIQUID WASTE TREATMENT-RADWASTE RECEIVER TANK (3) LEVEL CONTROLS
	30YR	SAFSTOR	M	WASTE PROC	3	1.3000	430	DNA	LIQUID WASTE TREATMENT-RADWASTE RECEIVER TANK (3) CLEANOUT
	30YR	SAFSTOR	M	WASTE PROC	5	0.6500	240	DNA	LIQUID WASTE TREATMENT-RADWASTE RECEIVER TANK (3) PAINTING
	30YR	SAFSTOR	M	WASTE PROC	8	0.6600	140	DNA	LIQUID WASTE TREATMENT-RADWASTE PUMP
	30YR	SAFSTOR	M	WASTE PROC	8	1.3000	140	DNA	LIQUID WASTE TREATMENT-TREATED WASTE PUMP
	30YR	SAFSTOR	M	WASTE PROC	QUAR	8.6000	480	DNA	LIQUID WASTE TREATMENT-CONCENTRATOR FEED PUMP
	30YR	SAFSTOR	M	WASTE PROC	ANNU	3.3000	230	DNA	LIQUID WASTE TREATMENT-RADWASTE CONCENTRATOR LEVEL CONTROLS
	30YR	SAFSTOR	M	WASTE PROC	5	5.1000	400	DNA	LIQUID WASTE TREATMENT-CHANGE HEAT EXCHANGER AND PIPING
	30YR	SAFSTOR	M	WASTE PROC	3	0.4300	72	DNA	LIQUID WASTE TREATMENT-RADWASTE CONCENTRATOR CONDENSER
	30YR	SAFSTOR	M	WASTE PROC	5	0.9900	40	DNA	LIQUID WASTE TREATMENT-RESIN DISPOSAL TANK CLEANOUT
	30YR	SAFSTOR	M	WASTE PROC	5	8.9000	40	DNA	LIQUID WASTE TREATMENT-RESIN DISPOSAL TANK SERVICE
	30YR	SAFSTOR	M	WASTE PROC	5	0.3500	40	DNA	LIQUID WASTE TREATMENT-CONCENTRATOR WASTE TANKS INSPECTION
	30YR	SAFSTOR	M	WASTE PROC	5	3.2000	360	DNA	LIQUID WASTE TREATMENT-CONCENTRATOR WASTE TANKS CLEANOUT
	30YR	SAFSTOR	M	WASTE PROC	ANNU	0.2900	80	DNA	LIQUID WASTE TREATMENT-WASTE HOLDING TANKS (2) INSPECTION
	30YR	SAFSTOR	M	WASTE PROC	ANNU	1.0000	160	DNA	LIQUID WASTE TREATMENT-WASTE HOLDING TANKS (2) LEVEL CONTROLS
	30YR	SAFSTOR	M	WASTE PROC	3	0.8500	290	DNA	LIQUID WASTE TREATMENT-WASTE HOLDING TANKS (2) CLEANOUT
	30YR	SAFSTOR	M	WASTE PROC	5	0.4600	160	DNA	LIQUID WASTE TREATMENT-WASTE HOLDING TANKS (2) PAINTING
	30YR	SAFSTOR	M	WASTE PROC	6	3.9000	720	DNA	LIQUID WASTE TREATMENT RADWASTE FILTERS
	30YR	SAFSTOR	M	WASTE PROC	3	0.2200	360	DNA	LIQUID WASTE SYSTEM-CONCENTRATOR DRIP RECEIVER TANK CLEANOUT
	30YR	SAFSTOR	M	WASTE PROC	ANNU	0.2200	360	DNA	LIQUID WASTE SYSTEM-CONCENTRATOR DRIP RECEIVER TANK-INSPECT, PAINT
	30YR	SAFSTOR	M	WASTE PROC	ANNU	0.8600	120	DNA	LIQUID WASTE SYSTEM-CONCENTRATOR DRIP RECEIVER PUMP
	30YR	SAFSTOR	M	WASTE PROC	DAY	4.4000	7800	DNA	LIQUID RADWASTE OPERATIONS
	30YR	SAFSTOR	M	WASTE PROC	5	0.2300	120	DNA	RESIN AND EVAP BOTTOMS SHIPMENT
	30YR	SAFSTOR	M	WASTE PROC	QUAR	0.5500	960	DNA	DRYWASTE COLLECTION AND TREATMENT-COMPACTION
	30YR	SAFSTOR	M	WASTE PROC	2	0.4000	720	DNA	DRYWASTE COLLECTION AND TREATMENT-WASTE SHIPMENT
	30YR	SAFSTOR	M	WASTE PROC	ANNU	0.1800	240	DNA	SOLID RADWASTE SYSTEM-COMPACTOR
	30YR	SAFSTOR	M	MAINT	MNTH	0.5100	2900	DNA	CONTROL AND INSTRUMENTATION-AREA RADIATION MONITORING SYS CALIBRATION
	30YR	SAFSTOR	M	MAINT	MNTH	0.4100	12000	DNA	CONTROL AND INSTRUMENTATION-AREA RADIATION MONITORING SYS MAINT
	30YR	SAFSTOR	M	MAINT	MNTH	0.5100	1400	DNA	CONTROL AND INSTRUMENTATION-STACK GAS RADIATION MONITORING
	30YR	SAFSTOR	M	RADIOLOGIC	WEEK	0.4400	3100	DNA	IN-PLANT WEEKLY MONITORING
	30YR	SAFSTOR	M	RADIOLOGIC	QUAR	1.1000	2000	DNA	IN-PLANT RADIATION SURVEYS
	30YR	SAFSTOR	M	RADIOLOGIC	DAY	0.7100	120000	DNA	LABORATORY SUPPORT-COUNTING ROOM
	30YR	SAFSTOR	M	RADIOLOGIC	MNTH	0.4100	2900	DNA	LABORATORY SUPPORT-CHEMISTRY LAB
	30YR	SAFSTOR	M	RADIOLOGIC	WEEK	0.4400	3100	DNA	AIR SAMPLING

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HUMBOLDT UNC DDS - SURVEILLANCE REPORT M 194 E

*FAC COD	YEAR	DECOM MODE	S / M	EXPENDITUR ITEM	FREQ	ANNUAL MAN-REM	ANNUAL MAN-HOURS	COST $	EXPENDITURE ITEM DESCRIPTION
	30YR	SAFSTOR	M	RADIOLOGIC	MNTH	NEG	1400	DNA	EXCLUSION AREA MONITORING-FENCE LINE TLD
	30YR	SAFSTOR	M	RADIOLOGIC	QUAR	0.0270	1400	DNA	EXCLUSION AREA MONITORING-GROUND WATER
	30YR	SAFSTOR	M	RADIOLOGIC	MNTH	NEG	290	DNA	EXCLUSION AREA MONITORING-SURFACE WATER
	30YR	SAFSTOR	M	RADIOLOGIC	QUAR	0.0014	96	DNA	EXCLUSION AREA MONITORING-YARD DRAIN
	30YR	SAFSTOR	M	RADIOLOGIC	QUAR	NEG	480	DNA	OFF-SITE TLD STATION MONITORING (4 STATIONS)
	30YR	SAFSTOR	M	SECURITY	CONT	3.8000	260000	DNA	EXCLUSION AREA SURVEILLANCE
	30YR	SAFSTOR	M	WASTE PROC		0.090	DNA	DNA	WASTE SHIPMENT-TRUCK DRIVERS
	30YR	SAFSTOR	M	WASTE PROC		0.0045	DNA	DNA	WASTE SHIPMENT-GARAGEMEN
	30YR	SAFSTOR	M	WASTE PROC		0.0065	DNA	DNA	SHIPMENT/RESIN EVAP BOTTOMS DRIVERS
	30YR	SAFSTOR	M	WASTE PROC		0.0095	DNA	DNA	SHIPMENT/RESIN EVAP BOTTOMS GARAGEMEN
*									
*	SUBTOTAL 30-YEAR SAFSTOR					89.6	461348		

NOTE 1- DATA FOR 30YR SAFSTOR REFLECTS AN ESTIMATE OF MAN-REM AND MAN-HOURS FOR THE ENTIRE 30 YEAR SAFSTOR PERIOD. DOSE RATES ARE ASSUMED TO DECREASE WITH TIME DUE TO DECAY.

..... END REPORT .....

3.0 COMPUTER REPORTS

3.12 Public Dose Report

This report records radiation dose to the public (as available) for activities associated with decommissioning activities.

PAGE NO 1
HUMBOLDT UNC DDS - PUBLIC DOSE RATE

*FAC *COD BUILDING, TASK, OR ACCIDENT	MICROCI/ YEAR RELEASED	<-- MAXIMUM --> 1ST YR REM	50 YR REM	<- POPULATION-> M 192 F 1ST YR MAN-REM	50 YR MAN-REM	COMMENTS
HB2 SAFSTOR WASTE SHIP-ONLOOKERS					0 0068	
HB2 SAFSTOR WASTE SHIP-GEN PUBLIC					0 0025	
HB2 SAFSTOR RESIN/EVAP BOTTOMS-ONLOOKERS					0 0095	
HB2 SAFSTOR RESIN/EVAP BOTTOMS-GEN PUBLIC					0 0035	
* *----------*					-------	
* *SUBTOTAL 30-YEAR SAFSTOR					0 022	
HB2 DELAYED DECON LSA SHIPMENTS-ONLOOKERS					0 0072	
HB2 DELAYED DECON LSA SHIPMENT-GEN PUBLIC					0 0027	
HB2 DELAYED DECON HSA SHIPMENTS-ONLOOKERS					0 29	
HB2 DELAYED DECON HSA SHIPMENT-GEN PUBLIC					0 10	
* *----------*					-------	
* *SUBTOTAL DELAYED DECON					0 400	
HB2 BARGE TRANSFER RPV-BARGE CREW					0 038	
HB2 BARGE TRANSFER RPV-TRANSFER CREWS					0 052	
HB2 BARGE TRANSFER RPV-TRAIN CREW					0 085	
* *----------*					-------	
* *SUBTOTAL BARGE TRANSFER OF RPV					0 175	
* *TOTAL					0 60	

..... END REPORT .....

3.0 COMPUTER REPORTS

3.13 Acronyms and Abbreviations

This report lists acronyms and abbreviations used in the body of other DDS reports. Acronyms and abbreviations are listed in alphabetical order. This report also contains information showing in which data base fields specific acronyms and abbreviations are used.

PAGE NO. 1
HUMBOLDT UNC DDS - ACRONYMS AND ABBREVIATIONS M H3036

*FAC *COD	ACRONYM	MOD	T P	FLD NUM	DESCRIPTION
HB2	AUX	194	B	3	AUXILIARY
HB2	A/C	192	H	4	TYPE OF ACTIVITY: (A) ACTIVATION OR (C) CONTAMINATION
HB2	B	192	H	4	BACKGROUND SAMPLE
HB2	BARNW	194	D	4	CHEM-NUCLEAR DISPOSAL SITE, BARNWELL, SC
HB2	CALIB	194	B	3	CALIBRATION
HB2	CAT	194	B	5	CATEGORY
HB2	CC				CUBIC CENTIMETER
HB2	CCW				CLOSED COOLING WATER
HB2	CI				CURIES
HB2	CM				CENTIMETER
HB2	CM**2				SQUARE CENTIMETER
HB2	COMP	194	C	14	COMPACTED
HB2	CON	192	G	7	SURFACE (OR NEAR-SURFACE) RADIATION MEASUREMENT
HB2	CONC	194	B	3	CONCENTRATOR
HB2	CONT	194	B	3	CONTAMINATION
HB2	CRD				CONTROL ROD DRIVE
HB2	CS				CARBON STEEL
HB2	CU FT				CUBIC FOOT (FEET)
HB2	CWT	194	B	3	CONCENTRATED WASTE TANK
HB2	D	194	B	5	DECOMMISSIONING ACTIVITY
HB2	DCR	194	B	3	DESIGN CHANGE REQUEST
HB2	DEMIN	194	B	3	DEMINERALIZER
HB2	DNA				DATA NOT AVAILABLE
HB2	DOT	194	C	15	DEPARTMENT OF TRANSPORTATION
HB2	DPM	192	G	10	DISINTEGRATIONS PER MINUTE
HB2	EL	194	B	3	ELEVATION
HB2	EXT	194	B	3	EXTERIOR OR EXTERNAL
HB2	FP				FISSION PRODUCTS
HB2	FREQ	194	E	6	FREQUENCY OF SURVEILLANCE ACTIVITY
HB2	FT**3	194	C	15	CUBIC FOOT (FEET)
HB2	GAL	194	B	3	GALLERY
HB2	GEN	192	G	7	GENERAL AREA RADIATION MEASUREMENT
HB2	GM				GRAM
HB2	HBPP	194	F	4	HUMBOLDT BAY POWER PLANT
HB2	HB-3				HUMBOLDT BAY POWER PLANT - UNIT NUMBER 3
HB2	HB2			1	HUMBOLDT BAY NUCLEAR PLANT (HB)- DECOMMISSIONED BY SAFE STORAGE (2)
HB2	HDLG	194	B	3	HANDLING
HB2	HEPA				HIGH EFFICIENCY PARTICULATE AIR FILTER
HB2	HSA	192	F		HIGH SPECIFIC ACTIVITY
HB2	HTR	194	B	3	HEATER
HB2	HX				HEAT EXCHANGER
HB2	HYD	194	B	3	HYDRAULIC
HB2	INST	194	B	3	INSTRUMENTATION
HB2	INST				INSTRUMENT
HB2	KG				KILOGRAM
HB2	LIQ	194	B	3	LIQUID
HB2	LSA	194	C	15	LOW SPECIFIC ACTIVITY
HB2	LWT	194	B	3	LIQUID WASTE TANK
HB2	MISC	194	B	3	MISCELLANEOUS
HB2	ML				MILLILITER

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HUMBOLDT UNC DDS - ACRONYMS AND ABBREVIATIONS M H3036

*FAC COD	ACRONYM	MOD	T P	FLD NUM	DESCRIPTION
HB2	MR/HR				MILLIRADS PER HOUR
HB2	MWDT				MEGAWATT DAYS THERMAL
HB2	MWE				MEGAWATTS ELECTRIC
HB2	MWT				MEGAWATTS THERMAL
HB2	NCI				NANOCURIES
HB2	ND				NOT DETECTABLE
HB2	NEG				NEGLIGIBLE
HB2	OTHER				OTHER RADIONUCLIDES
HB2	P	194	B	5	PRE-DECOMMISSIONING ACTIVITY
HB2	PCI				PICOCURIES
HB2	PREP	194	B	3	PREPARE
HB2	QC	194	B	3	QUALITY CONTROL
HB2	REDT				REACTOR EQUIPMENT DRAIN TANK
HB2	REGEN	194	B	3	REGENERATIVE
HB2	RICHL	194	D	4	U. S. ECOLOGY DISPOSAL SITE, RICHLAND, WA
HB2	RPM	194	F	4	RADIATION PROTECTION MONITOR
HB2	RPV	194	B	3	REACTOR PRESSURE VESSEL
HB2	RX	194	B	3	REACTOR
HB2	S	194	B	5	SERVICE ACTIVITY
HB2	SAF	194	B	3	SAFETY
HB2	SFP	194	B	3	SPENT FUEL POOL
HB2	SOL	194	B	3	SOLID
HB2	SP	194	B	3	SUPPRESSION POOL
HB2	SS				STAINLESS STEEL
HB2	SJAE	194	B	3	STEAM JET AIR EJECTOR
HB2	SYS	194	B	3	SYSTEM
HB2	S/M	194	E	4	NUMBER OF REACTORS AT THE SITE (S) SINGLE OR (M) MULTIPLE
HB2	TBDT	194	B	3	TURBINE BUILDING DRAIN TANK
HB2	TK	194	B	3	TANK
HB2	TYP	192	G	7	TYPE OF RADIATION MEASUREMENT
HB2	TYP	194	C	12	TYPE OF WASTE (A) ACTIVATED OR (C) CONTAMINATED
HB2	VENTIL	194	B	3	VENTILATION
HB2	WBS	194	B	4	WORK BREAKDOWN STRUCTURE

..... END REPORT .....

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14 ABSTRACT (200 words or less)

This document summarizes information concerning the SAFSTOR decommissioning of the Humboldt Bay Power Plant Unit 3. Preparations putting this facility into a custodial safestorage (SAFSTOR) mode are scheduled for completion by January 1, 1986. This report gives the current status of those efforts. A final report will be issued after completion of these preparations for custodial SAFSTOR.

The information collected from the facility decommissioning plan, environmental report, and other sources made available by the licensee were placed in a computer data base system which permits data manipulation and summarization. These computer generated reports and background information are included in this document.

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