

THE BENDIX CORPORATION
Kansas City Division

Date: May 28, 1964

WEEKLY ACTIVITIES

Medical - Health - Safety - Fire - Cafeteria

<u>ITEMS</u>	<u>INDUSTRIAL HYGIENE</u>	<u>COMMENTS</u>
TRITIUM WATER ACTIVITIES		Have forwarded requisition to Sandia to obtain T289A and T329A, manuals, and necessary materials and procedures to run tritium in urine and tritium in water evaluations.
CHROMIC ACID WASTE DISPOSAL TANK, D/97		Conservation Chemical is putting a new liner in the chromic acid waste tank located outside D/97, that recently leaked.
RADIATION AREA, D/22		[REDACTED] who has been [REDACTED] in D/22, has been transferred to D/26, and at the present time [REDACTED] will be [REDACTED] in D/22 and in D/24. He is to handle these two areas jointly. There are now about three to five people working each day in D/22 on first shift, and none on second shift.
BERYLLIUM SPHERES, MODEL SHOP		The installation for this work has been completed and they have some Beryllium spheres they are going to start work with as soon as we give the people physicals and orientations - will be about three to four people involved.
D/17 HONOLYCOMB PAPER MACHINE		At the present time this machine has been installed in D/17 to prove it out and later will be moved up to the new area in D/48. Have not observed any health problems with this equipment yet.
INDUSTRIAL WASTES		On 5-24-64, tank T190 in D/97 was allowed to overflow on third shift, releasing 500 lb. of chromic acid to the lagoon. This put the chromium level to 2.0 mg/l in the lagoon. We have treated the lagoon with ferrous sulfate and reduced the chromium concentration, but it still is above limits. In that we have treated the lagoon and the level of chromium is still high, the level of the lagoon is over five feet, and the Blue River is at flood stage, we are releasing chromium concentration to the Blue River at higher than permissible level.

~~XXXXXXXXXX~~
248-422-9115
5/8/14

Microfilm review

156826

Weekly Activity Report
(1/20)

161845 / 156817 :

(11/15/64)
19

"Tritium Water" : ordered
6 gallons of tritium water for
production Control cabinets
order for 200 4-ounce
bottles

(11/2/64) . Oct 28, 1964:

Magnesium fire in Dept 8.
Oil on my shaving ignited.

THE SANDIA CORPORATION
Kansas City Division

Date: August 25, 1964

WEEKLY ACTIVITIES Week Ending: August 23, 1964

Medical - Health - Safety - Fire - Cafeteria




ITEMS	INDUSTRIAL HYGIENE	COMMENTS
SUMP IN MEN'S REST ROOM, C-44	All repairs have been completed in the leaks from D/95 and D/22, and the floor and curb in D/22 have been replaced.	
TRITIUM WATER	We now have eight gallons of certified tritium water from Sandia, the 4-oz. plastic bottles to fill, the Carters #456 ink to identify the bottles, and the plastic tape to assure the lids are retained on the bottles. As soon as Production Control gives us an integrated contractor order we will be ready to fill the 4-oz. bottles for the first order. This will require filling approximately 240 4-oz. bottles. Should complete this in the next couple of days.	
HYDROGEN FLAME DETECTOR FOR GAS CHROMATOGRAPH	Installation is complete and we are in the process of becoming familiar with the equipment. We still are to receive the three chromatographic columns which were ordered with the flame detector.	
OUTSIDE CONTRACTORS, D/34C	The outside contractors are through with their work in D/34C radiation area, and their equipment was checked for contamination prior to removal from the department and all was satisfactory. Obtained uranium in urine specimens from the three personnel involved and results indicate no problem.	
ACID AND ALKALI LINES, EAST BOILER HOUSE	Still waiting to connect about a two-foot section of plastic pipe to the exchange units.	
EMERGENCY RADIATION MONITORING TEAM	We are revising manual to include [redacted] name, developing a copy of the manual for [redacted], obtaining a set of clothing for [redacted], and forwarded draft of letter for [redacted] and [redacted] to attend the radiation monitoring training school at Sandia, Albuquerque, New Mexico.	

THE BENDIX CORPORATION
Kansas City Division

Date: August 17, 1964

WEEKLY ACTIVITIES Week Ending: August 16, 1964

Medical - Health - Safety - Fire - Cafeteria

<u>ITEMS</u>	<u>INDUSTRIAL HYGIENE</u>	<u>COMMENTS</u>
SHIPMENT OF RADIOACTIVE WASTE		On August 11, 1964, loaded two trucks with classified radioactive waste for shipment to Los Alamos. Shipped 122 drums and 3 sealed wooden boxes.
SUMP IN MEN'S REST ROOM, L-4H		Maintenance has repaired the leaks from D/9b rest room and D/22 drain lines that were leaking into this sump room. The concrete floor is being poured in D/22 today.
WORK LOAD, D/22		The work load in D/22 is down so that there are only approximately two people working in the area part time. Approximately one-half of the machines have been moved out of the area and others are being cleaned up to be moved out. We have been checking each machine prior to its being taken out of D/22 to assure there is no significant contamination.
TRITIUM WATER		We have received the 3 gallons of tritium water ordered from Sandia. This tritium water was certified by Sandia at a concentration of 226 ± 5 microcuries per liter.
 LETTER TO 		As discussed with you, provided information on Teflon fumes and lead fumes for Don Shinkle, KCAO-AIC, to write an answer to  letter.
CHEMICAL WASTE DUMP		On August 5, 1964, a man in the waste container cleaning facility accidentally dumped a 200-gallon tank of copper fluoroborate which went into the waste lagoon. This resulted in our copper for August 5, 1964 being over the permissible level. It was 0.92 milligrams per liter and the permissible level for copper is 0.2 milligrams per liter.
HIGH PURITY WATER STILL		Have received the high purity water still and it has been completely installed. Had trouble with a microswitch to the thermostat and Maintenance is ordering a new micro-switch so the still will work properly.

THE BENDIX CORPORATION
Kansas City Division

Date: July 28, 1964

WEEKLY ACTIVITIES

Medical - Health - Safety - Fire - Cafeteria

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ITEMS

INDUSTRIAL HYGIENE

COMMENTS

ACID AND ALKALI LINES, EAST BOILER HOUSE	The final hook-up of the acid and alkali sumps to the acid and alkali lines to the lagoon will be completed on a Sunday in the near future when the plant is not open.
ACID SUMP, D/61	The acid sump and pumps in D/61 that were inoperative have been repaired. This is the installation in the Westinghouse corridor north of D/95 where a tank had been placed to handle the acid sump while repairs were being made.
SHIPMENT OF RADIOACTIVE WASTE	Material Disposal has scheduled to load radioactive waste on trucks on August 10, 1964, to arrive at Los Alamos August 12, 1964.
TRITIUM EQUIPMENT AND ANALYSIS	Equipment is operating satisfactorily and is calibrated. We have ordered tritium water and on the order have deleted a 4 oz. bottle of tritium water, 240-260 microcuries as they were going to charge us \$200.00 for this volume. This indicates that we probably will never get tritium water of that strength from Sandia as they probably do not have it. As a result, we will use the certified water we now have which is 219 ± 6 microcuries per liter. The specification calls out for the water to be 200-250 microcuries per liter. If Sandia has water of a strength greater than our certified sample, or does not certify this water, we will obtain a small quantity from a commercial laboratory at much less than \$200.00 per 4 oz., if required.
CHRONIC ACID TANK EAST OF D/97	Conservation Chemical Company has removed this tank to put a new 1/4" liner in the tank because the old liner has developed frequent leaks.
ANNUAL RADIATION PROTECTION SURVEY, MEDICAL	have requested a latch put on this room so that someone cannot open it while exposures are being taken and also requested the holes in the lead-lined wall be plugged.

THE BENDIX CORPORATION
Kansas City Division

Date: July 29, 1964

WEEKLY ACTIVITIES

Week Ending: July 19, 1964

Medical - Health - Safety - Fire - Cafeteria

<u>ITEMS</u>	<u>INDUSTRIAL HYGIENE</u>	<u>COMMENTS</u>
TRITIUM WATER		We now are set up to handle tritium water and have ordered all materials we need to handle this project for Production Control. Ordered eight one-gallon polyethylene bottles of tritium water, masking tape, and ink.
ACID AND ALKALI LINES EAST BOILER HOUSE		The sumps, lines, and pumps have been installed and are operative. The lines from the sumps have not been connected to the lines to the lagoon yet.
D/22 RADIATION AREA		Several of the machines in this area have been decontaminated and removed, and in the near future another lathe and another mill will come out of this area.
EMERGENCY RADIATION MONITORING TEAM INFORMATION		Since we changed the location of Monitoring Team equipment, we have revised procedures to indicate location changes.
D/213C NONDESTRUCTIVE TESTING		Area has purchased a small Carbon 14 disc-type source for use in their area. There is no significant radiation hazard.
INDUSTRIAL HYGIENE COBALT60 SOURCES		Four of our Cobalt 60 sources are now being listed on the excess property list being distributed. These are the sources that we want to get rid of now that we have two good radium sources.
SHELTER FOR SAMPLING EQUIPMENT AT LAGOON		This shelter has been modified by placing a door on the north side so an individual can enter and depart with no problem.
CHEMICAL WASTE DISPOSAL		Facilities Engineering is going to go ahead with their study and have already submitted an appropriation for money. Conservation Chemical Company has assured Bendix that they could provide a shorter pick-up period than the previous 60 hours. As a result, we will not need such large chemical storage tanks as those proposed in the study. Conservation Chemical Company has installed liquid level controls on all tanks at the facility, and Facilities Engineering is waiting for money to complete the installation.

THE HENRIK CORPORATION
Kansas City Division

no report 

Date: September 14, 1964

WEEKLY ACTIVITIES

Week Ending: September 13, 1964

Medical - Health - Safety - Fire - Cafeteria

ITEMS	INDUSTRIAL HYGIENE	COMMENTS
AUTOMATIC CUT-OFF FOR WATER STILL, INDUSTRIAL HYGIENE LABORATORY		This equipment has been received and installed, and works satisfactorily.
HYDROGEN FLAME DETECTOR		Equipment is still not operating properly. Jackson service representative will be out today to work on equipment.
SHUT-DOWN OF FAN HOUSES		Have been advised by Facilities Engineering that they are going to shut down several fan houses on the roof in conjunction with GSA's new roofing policy of replacing wooden ducts with metal ducts on the roof. If we have hot weather we can anticipate complaints from areas where fan houses are shut down.
NEUTRON DOSIMETRY		We are going to have our neutron survey meter re-calibrated, order neutron film, have Sandia run a series of calibrated neutron exposures on the film, and contact Nevada Test Site on their evaluation of neutron exposures on films. After the aforementioned are completed, we are going to try to set up a capability for handling neutron exposures for use by the Emergency Radiation Monitoring Team. In that we have a 10 curie plutonium-beryllium neutron source, we will be able to perform future neutron calibrations of our own so that we will not have to rely on anyone for neutron dosimetry if required.
CHROMIC ACID TANK, D/97		Conservation Chemical Company has returned this tank with a new lining, and it is satisfactory.
DRAIN LINES, EAST BOILER HOUSE		The drain lines from the ion exchange units to the waste lagoon have not been tied in with all the units. As of this date, one of the units has been connected and the other three remain to be connected.

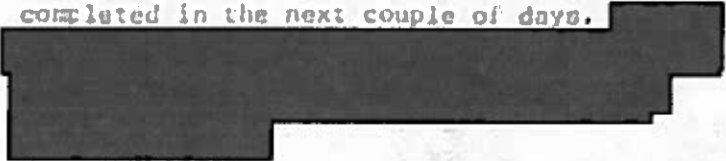
THE BELL CORPORATION
Kansas City Division

Date: November 18, 1964

WEEKLY ACTIVITIES

Week Ending: November 15, 1964

Medical - Health - Safety - Fire - Cafeteria

ITEMS	INDUSTRIAL HYGIENE	COMMENTS
MODIFICATION, DEPARTMENTS 22, 217-22, AND 217-20	The modification of the air supply for Department 217-20 has been completed except for replacement of some starters required for the electric fan motors, and this should be completed in the next couple of days.	
BUDGET REVISION	We have revised KCD 1110-A's for capital equipment and forwarded as requested.	
TRITIUM WATER	We have ordered seven gallons of tritium water to fill Production Control's anticipated order for 700 four-ounce bottles of tritium water.	
DUST, DEPARTMENTS 24 AND 49	We have completed a preliminary evaluation of dust in these areas, and results indicate we need better exhausting and control of dust in these areas.	
USE OF CARBON DIOXIDE-OXYGEN MIXTURE IN MEDICAL	We have returned the two bottles of this mixture that Medical had previously given to us.	
SECURITY BADGES, RADIATION AREAS	We have picked up all old security badges that were issued to people in D/22 and D/217-22, and D/34C. The badges picked up were those no longer required.	
USE OF TRICHLOROETHYLENE IN D/66	We have stopped production use of trichloroethylene to spray parts in small Cobehn cleaner hoods. Use of trichloroethylene poses a problem because the hoods are not adequate to pick up the trichloroethylene during the spraying; however, they are adequate for the Cobehn.	