

WRITTEN BY:
APPROVED BY:
DATE:
SOP #.

NORMAL PLANT VENT OPERATIONS

THE NORMAL FLOW OF THE REACTOR VENT STREAMS IS TO THE INCINERATOR AT WTU. WTU LINES OUR VENTS UP TO THE INCINERATOR THAT THEY WANT THEM IN. IT IS ESPECIALLY IMPORTANT TO KEEP THE VENTS GOING TO THE INCINERATOR DURING STARTUP AND SHUT DOWNS DUE TO ENVIRONMENTAL RELEASES, BUT THIS IS DIFFICULT DUE TO EXCESS ETHYLENE THAT CAUSES THE INCINERATOR TO HEAT UP AND SHUT DOWN.

THE RECOVERY STILL VENTS ARE TIED INTO THE SAME LINE WITH #1 PLANT VENT. THE #1 AND #2 PLANT VENTS TIE TOGETHER AT THE SOUTH END OF #2 PLANT BUT EACH PLANT HAS ITS OWN INCINERATOR AND SCRUBBER VALVES.

AT THE SOUTH END OF #2 PLANT AFTER THE TIE IN BETWEEN #1 AND #2 THERE IS A DRAIN OFF THE BOTTOM OF THE LINE THAT DRAINS INTO A KNOCK OUT POT TO PREVENT LIQUID FROM GOING TO INCINERATORS.

THE SCRUBBERS ARE SET UP SUCH THAT WHEN THE VENTS ARE TRIPPED, A WATER VALVE AUTOMATICALLY OPENS TO THE SCRUBBER. WHEN THE VENTS ARE SWITCHED BACK TO THE INCINERATOR, THIS VALVE SHUTS.

THE EFFLUENT FROM THE SCRUBBERS GOES TO THE LIFT STATION SUMP. IN ORDER NOT TO OVERLOAD THE STEAM STRIPPER, IT WAS DECIDED THAT NO WATER FLOW WOULD GO TO THE SCRUBBERS WHILE THE VENTS IN THE INCINERATOR.

IN ORDER TO RESTORE VENTS TO THE INCINERATOR, THE EDC/VDCM OPERATOR NEEDS TO GET IN TOUCH WITH THE INCINERATOR OPERATOR AND GET HIS OKAY.

THE VENT SWITCHES WILL BE RESET ONCE THE VENTS CAN BE PUT BACK IN.

THE EDC TANK FARM VENTS TIE INTO THE #1 PLANT VENT LINE AND GO TO THE INCINERATOR OR SCRUBBER ALSO.

ON DECEMBER 19, 1990 WE HAD A ORC MEETING TO ALLOW US TO TAKE THE VENT TRIP FEATURE OUT OF THE REACTOR SHUT DOWN SYSTEM. THIS MEANS THAT WHEN WE HAVE A MODICOM TRIP ON EITHER REACTOR THE VENTS WILL CONTINUE TO THE INCINERATOR UNLESS THE OPERATOR MANUALLY TRIPS THEM TO THE SCRUBBER.

REVISED 02/01/91

~~CONFIDENTIAL~~
Subject to Protective Order
of 14th Judicial District Court
No. 02-1145

SL 008728