

STANDARD OPERATING PROCEDURE

4/90

REACTOR AREA Taking reactor vent start up header out of service	
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CHECK	ACTION STEPS (All Caps)	COMMENTS (Below steps)
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THIS SOP SHOULD BE USED WHEN TAKING THE REACTOR VENT START UP HEADER OUT OF SERVICE FOR ANY REASON.

- _____ 1. SUPERVISION AND THE LEAD OPERATOR SHOULD BE INVOLVED IN A DISCUSSION AS TO THE REASON WHY THE HEADER IS BEING TAKEN OUT OF SERVICE, THE APPROXIMATE DURATION OF THE OUTAGE, AND WHAT CONDITIONS MUST EXIST PRIOR TO THE HEADER BEING READY TO PUT BACK IN SERVICE.
- _____ 2. OPERATIONS IS TO ESTABLISH A PLAN TO PROVIDE FOR SHUTTING DOWN A REACTOR DURING THE TIME THE START UP HEADER IS OUT OF SERVICE. NO REACTOR SHOULD BE STARTED UP WITH THE HEADER OUT OF SERVICE.

One possible shut down plan would be to:
 1. Trip the per/tri vents out of the incinerator to the scrubber.
 2. With the vents lined up to the scrubber, pull the pancake and simulataneously block in that reactor's incinerator header block valve.
 3. Reset the vents and put them back to the incinerator.
- _____ 3. WHEN THE PREVIOUS DISCUSSIONS HAVE TAKEN PLACE TO EVERYBODY'S SATISFACTION, PROCEED TO ISOLATE AND TAG OUT THE HEADER. THE CIRCLED VALVES ON THE ATTACHED SKETCH ARE THOSE THAT NEED TO BE ISOLATED AND TAGGED.
- _____ 4. LOG IN THE OPERATIONS LOGBOOK THE TIME, THAT THE HEADER IS ISOLATED AND TAGGED, AND THE SPECIFIC REASON FOR THIS.
- _____ 5. IF THE HEADER IS TO BE OUT OF SERVICE INTO THE NEXT SHIFT THIS SOP IS TO BE REVIEWED BETWEEN THE THE OUTGOING AND INCOMING LEAD AND REACTOR OPERATORS AS PART OF SHIFT CHANGE

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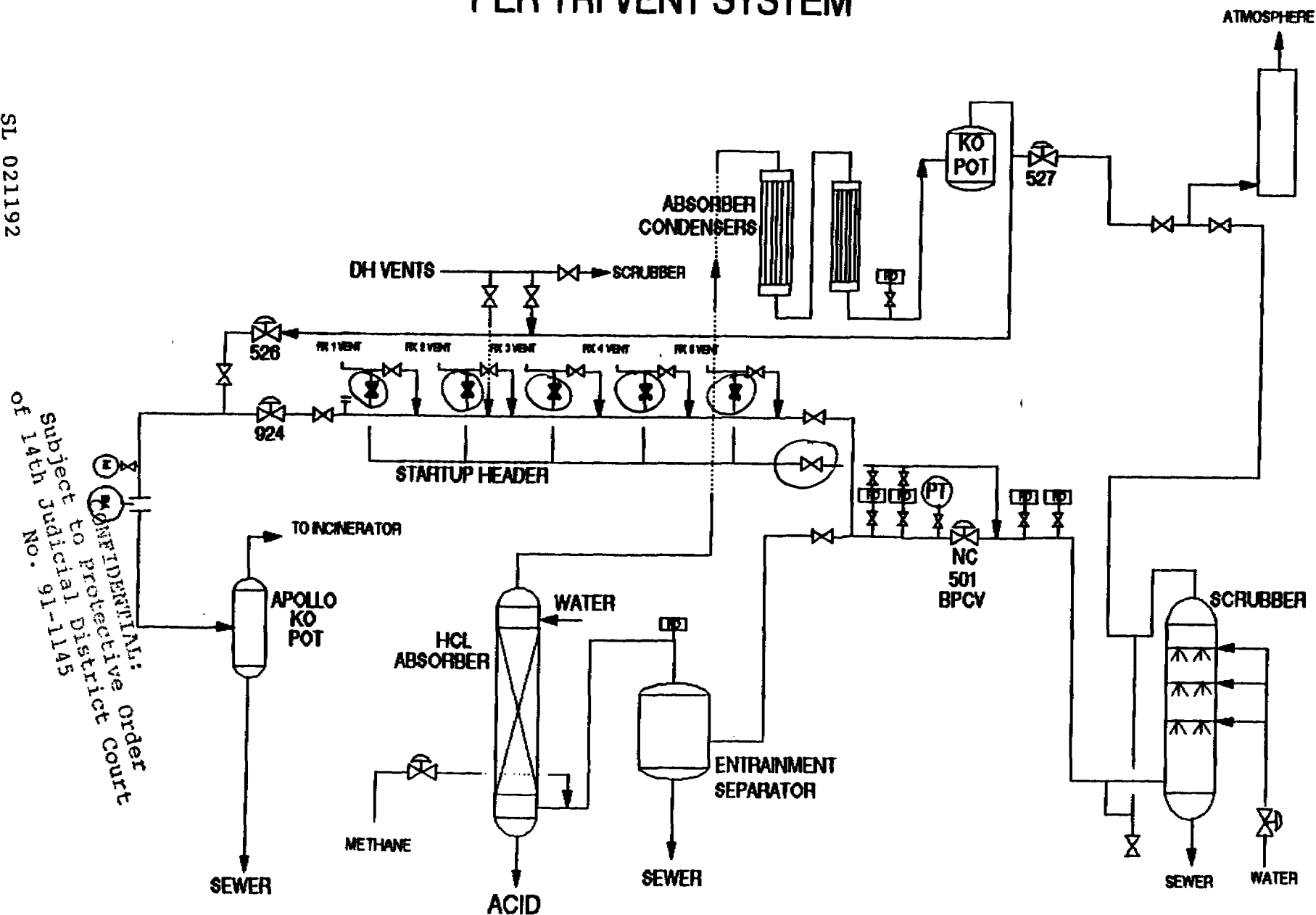
Taking reactor vent start up header out of service

COMMUNICATIONS.

- _____ 6. WHEN WORK ON THE HEADER IS COMPLETED AND ALL MAINTENANCE TAGS ON THE HEADER HAVE BEEN PULLED, UNTAG THE HEADER AND PUT IT IN SERVICE BY UNBLOCKING THE MAIN VALVE GOING TO THE SCRUBBER.
- _____ 7. LOG IN THE OPERATIONS LOGBOOK THE TIME THE HEADER IS UNTAGGED AND BACK IN SERVICE.

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PER TRI VENT SYSTEM



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