

spt.	Project-Requirement	Priority	Responsible	Time Goal	Complete
	6 (cont'd)				
	(i) Revise flow orifice in latex	2	Herbert		X
	(j) Add time delay to alarm in latex	2	"	7-23	X
	(k) Install new orifice in latex line to VGA feed tank	2	Samelson	wk of 8-6	
	1) Write MWO		"		
	(l) Automatic shutdown of vent compressor at 65 psig and alarm carryover of liquid VC1	0	Clayson	10-1	
	1) Write ER - #2182 assigned to Knurek 9-7-78 Nothing done		Urban Knurek (?)		X
	2) Determine specific equipment needs				
	3) Get GPO approved				
	4) Install				
	Comments: This is the most important of all GE projects				
	(7) Define causes and eliminate excessive loads of VC1, air and inerts to VGA		Samelson Powell		
	(a) Vacuum Test GW for leaks	1		week of 8-6	
	1) Determine how to do it (isolating equipment, time requirements, etc.)				
	2) Determine how to detect leaks				
	Comments: Helmick to contact Borsvold and DiSalvo to get advice on leak detectors for vacuum.				
	3) Conduct leak check		"		
	4) Set up system whereby after all servicing, maintenance, etc. a vacuum test be conducted on that equipment.		"		
	(b) Determine problem with VC1 condensers	2	Herbert		
	Comments: Two condensers presently in parallel				
	1) Write MWO		"		
	2) Repipe condensers to in series				
	(c) Revise premix charging to eliminate recovery of premix	2	Meck	long term	
	1) Write ER		"		X

no work
2 E

3

NGC 17412

Dept.	Project-Requirement	Priority	Responsible	Time Goal	Complete
	(7) Cont'd Comments: This has been accomplished with charges using vinylidene (2) Evaluate needs for equipment (d) Stagger recovery of premix, polys and strippers Comment: Meck put out letter on this 7-20. Seems to be helping. The real test will be when latex is up to capacity again.	1 ✓	? Meck		X
GW	(e) B/461 Recover premix and homogenizer lines separately	1 ✓	Powell	early July	X
GW	(f) Evaluate running recovery in GW at lower pressure Comments: They are concerned about head to homogenizer. They question how much you really gain.	Hold	Steininger		
GW	(g) 461 - Evaluate elimination of premix recovery	Hold	Bayard		
GW	(h) Sample stream from absorber to tall stack. What inerts are present? 1) Contact ALTC determine sampling procedure 2) Take samples 3) Submit samples for Mass Spec Analysis	1	Samelson Nikora		
GW	(i) Replace plastic caps on relief valves and diaphragms Comments: These caps help protect relief valves and make it easier to find leaky diaphragms	3	Steininger Foremen		
WE	(8) Eliminate weak link in recovery system-Seal water tank a) Submit ER - Done 7-25-79 #2481 to Alessandro b) Evaluate need for degasification tank in conjunction with condensate drainage for poly steam sweep system.	2	Urban		X
WE	(9) Devise system for rapid orderly shutdown Comments: Urban has written systematic diagram- is awaiting comments. a) write formal procedure b) implement	1	"		

Samelson

web of 7/9

NGC 17413

Dept.	Project-Requirement	Priority	Responsible	Time Goal	Complete
SW SE 1	(10) Evaluate systems for inter and intra-departmental communications		Steininger		
	a) For time being develop list on how to go about communicating with another department	1	Helmick Samelson Bobal Bobal	wk of 8-13	X
	b) Train on list				
	c) Work with Obrin to determine best communication system	2	"		
	Comments: Obrin's initial reaction is that no method is fool proof and best is to have several methods available.				
	d) Experiment with refrigeration operator carrying a radio	1	Steininger		
	1) Obtain radio Borrow? Buy?				
	e) Repair all radios and obtain a few backup units	0	Obrin		
S W E	(11) Coordinate incinerator plans		Rider		
	a) Determine who will operate incinerator	1	Helmick		X
	Comments: Decided that boilerhouse will operate unless a steam emergency exists - then lab operators will serve as back up				
	b) Obtain vendor information on incinerator	1	Clayson		
	c) Set up testing on incinerator stack	2	Rider	by Oct. 1	
	d) Define options for operation of surge tank	1	"	wk of 7-30	X
	e) Coordinate decision making on operation of surge tank		"		
	f) Follow up with EPA to broaden incinerator use to over-pressure usage	1	"		

NGC 17414

Dept.	Project-Requirement	Priority	Responsible	Time Goal	Complete
GW	(12) Take sample bombs for lab analysis during times of upset on VGA Comments: The GC is not always accurate after an upset; i.e., it takes time to purge the line and get meaningful readings again. They are set up to do this and most operators know that they should 1) write letter to all operators to take samples	1	Samelson		
PS	(13) Determine HCl Balance in VGA a) Obtain 14 sample bombs b) locate explosion proof hood to use c) determine testing procedure d) prepare schematic of experiment e) sample f) compile and present data Comments: The amount of sampling necessary will be determined by the preliminary results. He will begin with 14 sample points.	1	Chrisp		X X X X
GW	(14) Complete VGA Revisions Comments: The following list of items was presented as recommendations by R. Samelson and J. Steininger. a) Obtain GPO to cover all of the following items b) Revise system to run with the lean solvent tank bypasses 1) Need instrumentation to keep lean and rich oil tank balanced. 2) Existing pumps need to be repiped so that #2 pump can be isolated and so fresh isooctane can be added directly to rich oil tank. 3) Need a drain pump on the lean oil tank so that lean oil can be pumped directly into the rich tank without leaving a heel in the tank		Samelson		
E		0	Steininger		
		1	Clayson		
		2	"	2 weeks	
		1	I	End November	16605
		2	"	2 weeks	

GW
Eshut down
EN- RS
MWO

M

NGC 17415

Dept.	Project-Requirement	Priority	Responsible	Time Goal	Complete
E	(14) cont'd				
	c) Additional instrumentation and alarms to aid in preventative trouble shooting.	1	Clayson		
	* 1) install rich oil tank level recorder and low level alarm Comments: In several cases the instrumentation is available but they cannot be installed without a GPO to charge them to. Each of these cases will be noted with an *.	1	"	by 9-15	
	* 2) Stripper bottoms/reboiler level recorder and hi/lo alarm	1	"		
	3) Absorber pressure controller and valve to back up current pressure regulator - with recorder	0	"		
	* 4) Over heads temperature recorder	1	"	by 9-15	
	5) Reflux tank level recorder and hi/lo alarm	1	"		
	⑥ Change reflux tank level control valve to allow for greater flow and put in isolation valves around this valve	2	"		
	7) Pressure alarms on the knockout tank and rich oil tank	1	"		
	8) Rich and lean oil low flow alarms	1	"		
	9) Reflux flow hi/lo alarm	1	"		
M	10) Recalibrate instruments so that the scales are in the mid-range on the charts (Need new scales on recorders)	2	"		
M	⑪ Need level controller for use with a dp cell on reflux tank	0	"		
	d) Need separate relief valve for the condenser so that it can be isolated without violating codes	0	"		
	e) Need rupture discs for all relief valves Comments: These were ordered but never arrived. Need to chase this down.	1	"		
	f) Need a parallel GC sample line with nitrogen purge, plus pressure regulators for this line.	0	Samelson		
	out g) Check valves installed to prevent absorber gas from bleeding back into an area's tall stack	2	"		
E	h) Need strainer revisions - way to determine if plugging is occurring - parallel strainers for cleaning without changing pumps.	1	Clayson	1 week	
M	i) Need lazy arms on the lean oil tank and bypass valves mw 0 3	2	Samelson		

NGC 17416

Known
SolveHatched
bottom4 weeks
@ 1/412 Fresh vsp cond rocks
13) Level indicator in the tank

Dept.	Project-Requirement	Priority	Responsible	Time Goal	Complete
	(14) cont'd				
E	j) look into the use of the cold room dry fire water system for the enclosure.	Hold			
GW	k) Look into use of the old MeOH tank for the surge tank	Hold	Samelson		
E	l) Insulate feed tank <i>(cont. steam) Bill Graham</i>	1	Clayson	by 11-1	<i>1 week</i>
	<i>I</i> m) Look at new pumps with better head and pumping reliability	0	"	<i>2 weeks</i>	
	n) Install control valve as backup for regulator <i>Pat Barr</i>	1	"	<i>Russell / Co.</i>	
	o) Need recovery lines for				
	<i>II</i> 1) reflux pumps and a line for general use <i>MW - RJ TO</i>	1	<i>Samelson</i>	<i>GPO 15.6.03</i>	
	2) rich oil pump, stripper, overheads condenser, reflux tank and spare pump.	2			
GW	Update and improve high pressure recovery system	1	Steininger		
E	Comments: One meeting has been held to discuss exactly what is needed to be done. Minutes have been written and will be circulated for comments. The "specifics" of this project will be included in the next project list. However, it should be noted that this is a major project and will require a great deal of time from both Engineering and Geon West Tech men.		Clayson Samelson	<i>big task / not</i>	

Double & Trace outside recovery lines

*I (Need insulate - trace
Need decarbox - pH
Need level inhibition?
Hot Chary system.*

E GPO 15.6.03

Carl 13 weeks

Justin ?

