



71-960618-CLN-01

TO: NSTX WBS MANAGERS
FROM: C NEUMEYER
SUBJECT: COST ESTIMATE VARIANCES AND REDUCTION SCHEMES

Now that the first draft of the cost estimates have been received from nearly all of the WBS elements, a picture of the overall situation has begun to emerge. In order to understand the relationship between the present era cost estimates and those previously performed, and to develop a strategy to bring the costs in line with the earlier budget projections, the following steps will be undertaken:

1) WBS Managers are requested to identify the cost differentials associated with cost items added since the previous estimate or overlooked in the previous estimate. Please provide the cost information in the following spreadsheet¹, and add items is appropriate, and forward to Tom Egebo ASAP.

WBS	Item	Δ Cost (\$K)	New Feature	Previously Underestimated
1	None			
2	ECH		x	
3	350C Bakeout		x	
4	None			
5	AC Power Costs			x
	TF Costs			x
	CHI Current Sustainment		x	
	Use of D-site Rectifier for OH		x	
	PF 2/8 Patch Panel		x	
6	Control Room Refurbishment			x
	High Speed Real Time Data Link			x
	Increased I/O Point Count			x
7	Management Costs			x
	Physics Costs			x
8	Platform			x
	VV Assembly			x
	Constructability Reviews		x	

2) Based in part on 1) above, NSTX/PPPL management will develop a revised cost target.

3) WBS Managers are requested to develop proposals which could reduce the day one project cost either by derating, simplification, or postponement into an

¹To activate the spreadsheet, double click on it from within MS Word. Then Excel will be started. Use "Save As" command to create a new copy.

upgrade category. Please submit these proposals in the following spreadsheet and forward to Tom Egebo ASAP.

Item	Action (Derate, Simplify, or Postpone)	Δ Cost	Comments/Issues
Increase Rep Period to 1 per 600 sec	Derate		

cc: T Egebo T

NSTX File