

Stack Height Sensitivity Results

Source ID	Wind Direction From	Existing Stack Height		Increased Stack Height	
		Stack Height (m)	EBH (m)	Stack Height (m)	EBH (m)
H-3	280	43.6	24.4	52.4	21.3
H-1	120	42.4	15.2	51.8	15.2
	300	42.4	15.2	51.8	15.2
B-1	300	24.4	18.3	42.7	18.3
B-4	40	35.1	15.2	40.5	15.2
	40	35.1	15.2	37.8	15.2
B-5	40	35.1	18.3	40.5	15.2
	40	35.1	18.3	37.8	15.2
CA-C	200	36.6	27.4	56.4	24.4
H-4	220	36.6	21.3	52.7	21.3
TO	120	30.5	12.2	53.4	12.2
H-5	120	45.7	18.3	57.3	18.3
	260	45.7	21.3	57.3	18.3
CA-D	120	36.6	15.2	53.4	15.2
	260	36.6	15.2	53.4	15.2

Date: April 11, 1994

To: Dean Wilson (MD-14)
EPA OAQPS/TSD/SRAB

From: Brenda Johnson
EPA Region IV



Here are CPP's responses to EPA's comments on the Cape Industries fluid modeling demonstration for equivalent building heights. RADIANT has expressed an interest in having a conference call to determine what is needed to satisfy our concerns and whether or not a new report needs to be prepared documenting the modeling study. I would like to arrange a conference call with RADIANT, CPP, Jim Roller, Region IV and OAQPS at some times in the near future. However, I would like for you to look at this and let's talk about it prior to the conference call with the Cape people. Thank you for your cooperation.