APPENDIX I

Maximum Naughton Concentration and Visibility Impacts
Base = Naughton at Current Emissions
LNBT = Naughton with 2000 TPY NO_x Reductions from Unit 3
Base - LNBT = Difference in Naughton Impacts Between Current and LNBT Emission Scenarios
Far-Field Concentration Impacts
Far-Field Visibility Impacts

PW = Project-wide
AC = Anticline Crest
700 and 500 Wells
Processor Locations C1, C2, and C3
Compressor NO_x Emissions at 0.7, 1.0, and 1.5 g/hp-hr

1995_Concentrations_for_Naughton_(ug/m^3).

Pollutant	Avg_Time	Area	Base-LNBT	LNBT	Base	PSD	Background	Total	WAAQS	NAAQS
SO2	Annual	Bridger_WA	0.00	0.15	0.15	2	9.00	9.15	60.0	80.0
SO2	Annual	Fitzpatrick_	0.00	0.10	0.11	2	9.00	9.11	60.0	80.0
SO2	Annual	Washakie_WA	0.00	0.07	0.07	2	9.00	9.07	60.0	80.0
SO2	Annual	Grand_Teton_	0.00	0.57	0.57	2	9.00	9.57	60.0	80.0
SO2	Annual	Popo_Agie_WA	0.00	0.07	0.07	20	9.00	9.07	60.0	80.0
SO2	Annual	Wind_River_R	0.00	0.09	0.09	20	9.00	9.09	60.0	80.0
SO2	24-hour	Bridger_WA	0.00	3.25	3.25	5	43.00	46.25	260.0	365.0
SO2	24-hour	Fitzpatrick_	0.00	3.17	3.17	5	43.00	46.17	260.0	365.0
SO2	24-hour	Washakie_WA	0.00	2.42	2.42	5	43.00	45.42	260.0	365.0
SO2	24-hour	Grand_Teton_	0.01	16.44	16.45	5	43.00	59.45	260.0	365.0
SO2	24-hour	Popo_Agie_WA	0.00	1.31	1.31	91	43.00	44.31	260.0	365.0
SO2	24-hour	Wind_River_R	0.00	3.17	3.17	91	43.00	46.17	260.0	365.0
SO2	3-hour	Bridger_WA	0.02	16.86	16.86	25	132.00	148.86	1300.0	1300.0
SO2	3-hour	Fitzpatrick_	0.01	11.18	11.19	25	132.00	143.19	1300.0	1300.0
SO2	3-hour	Washakie_WA	0.01	8.55	8.55	25	132.00	140.55	1300.0	1300.0
SO2	3-hour	Grand_Teton_	0.06	56.05	56.07	25	132.00	188.07	1300.0	1300.0
SO2	3-hour	Popo_Agie_WA	0.01	7.28	7.28	512	132.00	139.28	1300.0	1300.0
SO2	3-hour	Wind_River_R	0.01	8.81	8.81	512	132.00	140.81	1300.0	1300.0
PM10	Annual	Bridger_WA	0.00	0.01	0.01	4	8.00	8.01	50.0	50.0
PM10	Annual	Fitzpatrick_	0.00	0.01	0.01	4	8.00	8.01	50.0	50.0
PM10	Annual	Washakie_WA	0.00	0.01	0.01	4	8.00	8.01	50.0	50.0
PM10	Annual	Grand_Teton_	0.00	0.04	0.04	4	8.00	8.04	50.0	50.0
PM10	Annual	Popo_Agie_WA	0.00	0.01	0.01	17	8.00	8.01	50.0	50.0
PM10	Annual	Wind_River_R	0.00	0.01	0.01	17	8.00	8.01	50.0	50.0
PM10	24-hour	Bridger_WA	0.00	0.30	0.30	8	18.00	18.30	150.0	150.0
PM10	24-hour	Fitzpatrick_	0.00	0.36	0.36	8	18.00	18.36	150.0	150.0
PM10	24-hour	Washakie_WA	0.00	0.19	0.19	8	18.00	18.19	150.0	150.0
PM10	24-hour	Grand_Teton_	0.00	1.25	1.25	8	18.00	19.25	150.0	150.0
PM10	24-hour	Popo_Agie_WA	0.00	0.12	0.12	30	18.00	18.12	150.0	150.0
PM10	24-hour	Wind_River_R	0.00	0.36	0.36	30	18.00	18.36	150.0	150.0
PM25	Annual	Bridger_WA	0.00	0.00	0.00	-999	5.00	5.00	15.0	15.0
PM25	Annual	Fitzpatrick_	0.00	0.00	0.00	-999	5.00	5.00	15.0	15.0
PM25	Annual	Washakie_WA	0.00	0.00	0.00	-999	5.00	5.00	15.0	15.0

PM25	Annual	Grand_Teton_	0.00	0.00	0.00	-999	5.00	5.00	15.0	15.0
PM25	Annual	Popo_Agie_WA	0.00	0.00	0.00	-999	5.00	5.00	15.0	15.0
PM25	Annual	Wind_River_R	0.00	0.00	0.00	-999	5.00	5.00	15.0	15.0
PM25	24-hour	Bridger_WA	0.00	0.00	0.00	-999	10.00	10.00	65.0	65.0
PM25	24-hour	Fitzpatrick_	0.00	0.00	0.00	-999	10.00	10.00	65.0	65.0
PM25	24-hour	Washakie_WA	0.00	0.00	0.00	-999	10.00	10.00	65.0	65.0
PM25	24-hour	Grand_Teton_	0.00	0.00	0.00	-999	10.00	10.00	65.0	65.0
PM25	24-hour	Popo_Agie_WA	0.00	0.00	0.00	-999	10.00	10.00	65.0	65.0
PM25	24-hour	Wind_River_R	0.00	0.00	0.00	-999	10.00	10.00	65.0	65.0
NO2	Annual	Bridger_WA	0.01	0.07	0.08	2	9.00	9.08	100.0	100.0
NO2	Annual	Fitzpatrick_	0.01	0.04	0.05	2	9.00	9.05	100.0	100.0
NO2	Annual	Washakie_WA	0.00	0.03	0.03	2	9.00	9.03	100.0	100.0
NO2	Annual	Grand_Teton_	0.02	0.22	0.25	2	9.00	9.25	100.0	100.0
NO2	Annual	Popo_Agie_WA	0.00	0.03	0.03	25	9.00	9.03	100.0	100.0
NO2	Annual	Wind_River_R	0.01	0.04	0.05	25	9.00	9.05	100.0	100.0

Deciview_Change_using_Naughton . Pinedale,1995

Sensitive. . Area .	LNBT . . #days >0.5dv	#days >1.0dv	Max dv	Naughton #days >0.5dv	#days >1.0dv	Max dv	Date of_Max
Bridger_WA	48	23	2.670	50	23	2.846	3/ 2/95
Fitzpatrick_	34	12	3.449	37	13	3.635	3/ 1/95
Washakie_WA	19	4	3.002	19	6	3.212	3/ 2/95
Grand_Teton_	63	37	2.659	64	37	2.775	9/25/95
Popo_Agie_WA	27	10	1.929	29	10	2.108	2/11/95
Wind_River_R	32	12	3.417	36	12	3.612	3/ 1/95