Appendix 4F

Attachment 4: Diversion Results (CalSim 3)

Appendix 4F

Attachment 4: Diversion Results (CalSim 3)

The following results of the CalSim 3 model are included for diversion conditions for the following scenarios:

- Baseline Conditions (Updated) (040424)
- Alternative 1 plus CVP Proposed Action, Sacramento and Feather River VAs (102023)
- Alternative 1 plus CVP Proposed Action, Sacramento and Feather River VAs, includes TUCPs (102023)

Title	Model Parameter	Table Numbers	Figure Numbers
NBAQ Diversions	D_BKR004_NBA009	4F-4-1-1a to 4F-4-1-2c	4F-4-1a to 4F-4-1r
Delta Cross Channel Flow	D_SAC030_MOK014	4F-4-2-1a to 4F-4-2-2c	4F-4-2a to 4F-4-2r
Total SWP and CVP Exports	C_CAA003_SWP+ C_DMC000+ C_CAA003_CVP	4F-4-3-1a to 4F-4-3-2c	4F-4-3a to 4F-4-3r
SWP Banks Pumping Plant Exports	C_CAA003_SWP	4F-4-4-1a to 4F-4-4-2c	4F-4-4a to 4F-4-4r
CVP Banks Pumping Plant Exports	C_CAA003_CVP	4F-4-5-1a to 4F-4-5-2c	4F-4-5a to 4F-4-5r
Banks Pumping Plant Exports	C_CAA003	4F-4-6-1a to 4F-4-6-2c	4F-4-6a to 4F-4-6r
Jones Pumping Plant Exports	C_DMC000	4F-4-7-1a to 4F-4-7-2c	4F-4-7a to 4F-4-7r
Total Delta Exports	TOTAL_EXP	4F-4-8-1a to 4F-4-8-2c	4F-4-8a to 4F-4-8r

Report formats:

- Monthly tables comparing two scenarios (exceedance values, long-term average, and average by water year type).
- Monthly pattern charts (long-term average and average by water year type) including all scenarios.
- Monthly exceedance charts (all months) including all scenarios.

Table 4F-4-1-1a. NBAQ Diversion, Baseline Conditions (Updated) 040424, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56	50	47	126	128	73	57	82	95	74	73	74
20% Exceedance	56	31	46	126	127	73	56	81	94	73	72	70
30% Exceedance	55	31	28	125	123	73	56	81	94	70	71	69
40% Exceedance	55	30	27	120	123	71	56	81	93	68	70	69
50% Exceedance	55	29	26	120	97	62	55	77	71	66	70	69
60% Exceedance	53	29	26	80	64	54	49	59	62	66	70	68
70% Exceedance	44	29	26	57	54	49	37	57	54	65	69	67
80% Exceedance	42	29	26	42	45	45	32	46	51	64	68	61
90% Exceedance	40	28	25	37	32	27	24	35	41	62	44	52
Full Simulation Period Average[a]	51	33	32	89	88	60	49	66	73	68	67	67
Wet Water Years (30%)	53	34	35	111	119	71	57	82	93	69	70	70
Above Normal Water Years (11%)	50	34	34	90	97	68	57	78	86	70	70	70
Below Normal Water Years (21%)	53	31	31	91	94	75	56	74	71	68	69	68
Dry Water Years (22%)	54	30	30	88	67	50	42	43	65	71	75	67
Critical Water Years (16%)	44	35	30	48	44	30	28	51	42	61	43	56

Table 4F-4-1-1b. NBAQ Diversion, Alternative 1 plus CVP PA Sac Feather VAs 102023, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56	50	47	126	128	73	57	82	95	74	73	73
20% Exceedance	56	32	46	126	127	73	56	81	94	72	72	70
30% Exceedance	55	31	34	125	123	73	56	81	94	70	71	69
40% Exceedance	55	30	27	120	120	71	56	81	92	68	70	69
50% Exceedance	55	29	26	120	97	68	56	77	70	66	70	69
60% Exceedance	53	29	26	80	64	56	50	60	60	66	70	68
70% Exceedance	44	29	26	50	54	49	37	57	53	65	69	67
80% Exceedance	42	29	26	40	45	45	33	46	51	64	68	59
90% Exceedance	40	28	25	37	32	28	27	34	41	62	45	52
Full Simulation Period Average[a]	51	33	32	90	87	61	50	66	72	68	67	67
Wet Water Years (30%)	54	33	34	111	119	71	57	82	92	69	70	70
Above Normal Water Years (11%)	49	31	35	90	97	70	57	78	87	69	70	70
Below Normal Water Years (21%)	52	31	32	92	94	75	58	74	69	68	69	68
Dry Water Years (22%)	52	31	30	88	66	52	44	44	63	70	74	67
Critical Water Years (16%)	44	38	30	49	44	32	28	50	42	61	46	57

Table 4F-4-1-1c. NBAQ Diversion, Alternative 1 plus CVP PA Sac Feather VAs 102023 minus Baseline Conditions (Updated) 040424, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	0	0	-1
20% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	5	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	-2	0	0	0	-2	0	0	0
50% Exceedance	0	0	0	0	0	6	0	0	-1	0	0	0
60% Exceedance	0	0	0	0	0	1	1	1	-2	0	0	0
70% Exceedance	1	0	0	-7	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	-2	0	0	1	0	1	-1	0	-2
90% Exceedance	0	0	0	0	0	1	3	-1	0	0	1	-1
Full Simulation Period Average[a]	-1	0	0	0	0	1	1	0	-1	0	1	0
Wet Water Years (30%)	1	-1	-1	0	0	0	0	0	-1	0	0	0
Above Normal Water Years (11%)	0	-2	2	0	0	2	0	0	1	-1	0	0
Below Normal Water Years (21%)	-1	0	1	1	0	0	2	0	-2	0	0	0
Dry Water Years (22%)	-3	1	0	0	-1	1	2	1	-2	0	0	0
Critical Water Years (16%)	0	3	0	1	0	2	0	-1	0	0	3	1

[a] Based on the 100-year simulation period.

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* Water Year Types results are displayed with water year - year type sorting.

Table 4F-4-1-2a. NBAQ Diversion, Baseline Conditions (Updated) 040424, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56	50	47	126	128	73	57	82	95	74	73	74
20% Exceedance	56	31	46	126	127	73	56	81	94	73	72	70
30% Exceedance	55	31	28	125	123	73	56	81	94	70	71	69
40% Exceedance	55	30	27	120	123	71	56	81	93	68	70	69
50% Exceedance	55	29	26	120	97	62	55	77	71	66	70	69
60% Exceedance	53	29	26	80	64	54	49	59	62	66	70	68
70% Exceedance	44	29	26	57	54	49	37	57	54	65	69	67
80% Exceedance	42	29	26	42	45	45	32	46	51	64	68	61
90% Exceedance	40	28	25	37	32	27	24	35	41	62	44	52
Full Simulation Period Average[a]	51	33	32	89	88	60	49	66	73	68	67	67
Wet Water Years (30%)	53	34	35	111	119	71	57	82	93	69	70	70
Above Normal Water Years (11%)	50	34	34	90	97	68	57	78	86	70	70	70
Below Normal Water Years (21%)	53	31	31	91	94	75	56	74	71	68	69	68
Dry Water Years (22%)	54	30	30	88	67	50	42	43	65	71	75	67
Critical Water Years (16%)	44	35	30	48	44	30	28	51	42	61	43	56

Table 4F-4-1-2b. NBAQ Diversion, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	56	50	47	126	128	73	57	82	95	74	73	79
20% Exceedance	56	31	46	126	127	73	56	81	94	72	72	70
30% Exceedance	55	30	28	125	123	73	56	81	94	70	71	69
40% Exceedance	55	30	27	120	120	71	56	81	92	68	70	69
50% Exceedance	55	29	26	120	97	68	56	79	70	66	70	69
60% Exceedance	53	29	26	80	64	56	53	60	62	66	70	68
70% Exceedance	43	29	26	50	54	49	44	57	54	65	69	67
80% Exceedance	42	29	26	40	47	45	37	46	52	64	68	59
90% Exceedance	38	28	25	38	40	37	31	35	49	62	45	53
Full Simulation Period Average[a]	51	32	32	90	88	63	52	67	73	68	67	67
Wet Water Years (30%)	54	33	34	111	119	71	57	82	92	69	70	70
Above Normal Water Years (11%)	49	31	35	90	97	70	57	78	89	69	70	70
Below Normal Water Years (21%)	51	31	32	92	94	75	58	75	69	68	69	68
Dry Water Years (22%)	51	31	30	89	66	53	44	44	63	70	74	67
Critical Water Years (16%)	43	35	29	49	47	40	40	51	46	61	45	62

Table 4F-4-1-2c. NBAQ Diversion, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023 minus Baseline Conditions (Updated) 040424, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	0	0	0	0	0	0	4
20% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	-2	0	0	0	-2	0	0	0
50% Exceedance	0	0	0	0	0	6	0	2	-1	0	0	0
60% Exceedance	0	0	0	0	0	1	4	1	0	0	0	0
70% Exceedance	-1	0	0	-7	0	0	7	0	0	0	0	0
80% Exceedance	0	0	0	-2	2	0	5	0	1	0	0	-1
90% Exceedance	-2	0	0	1	8	11	7	0	8	0	1	1
Full Simulation Period Average[a]	-1	0	0	1	0	2	3	0	0	0	0	1
Wet Water Years (30%)	1	-1	-1	0	0	0	0	0	-1	0	0	0
Above Normal Water Years (11%)	0	-2	2	0	0	2	0	0	3	-1	0	0
Below Normal Water Years (21%)	-1	0	1	1	0	0	2	1	-2	0	0	0
Dry Water Years (22%)	-3	1	0	1	-1	2	2	1	-2	0	0	-1
Critical Water Years (16%)	-1	0	-1	1	2	10	12	0	4	1	2	6

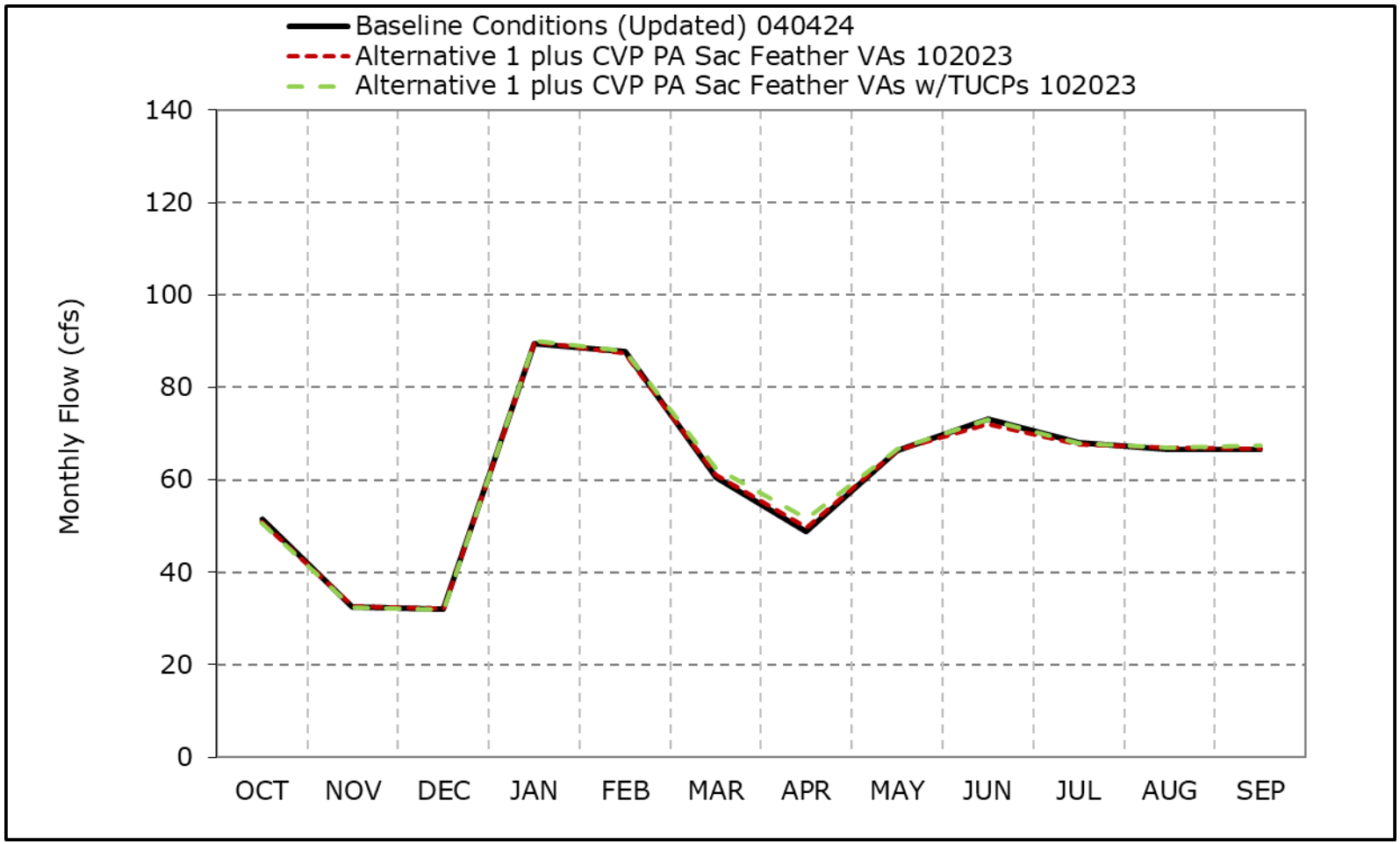
[a] Based on the 100-year simulation period.

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

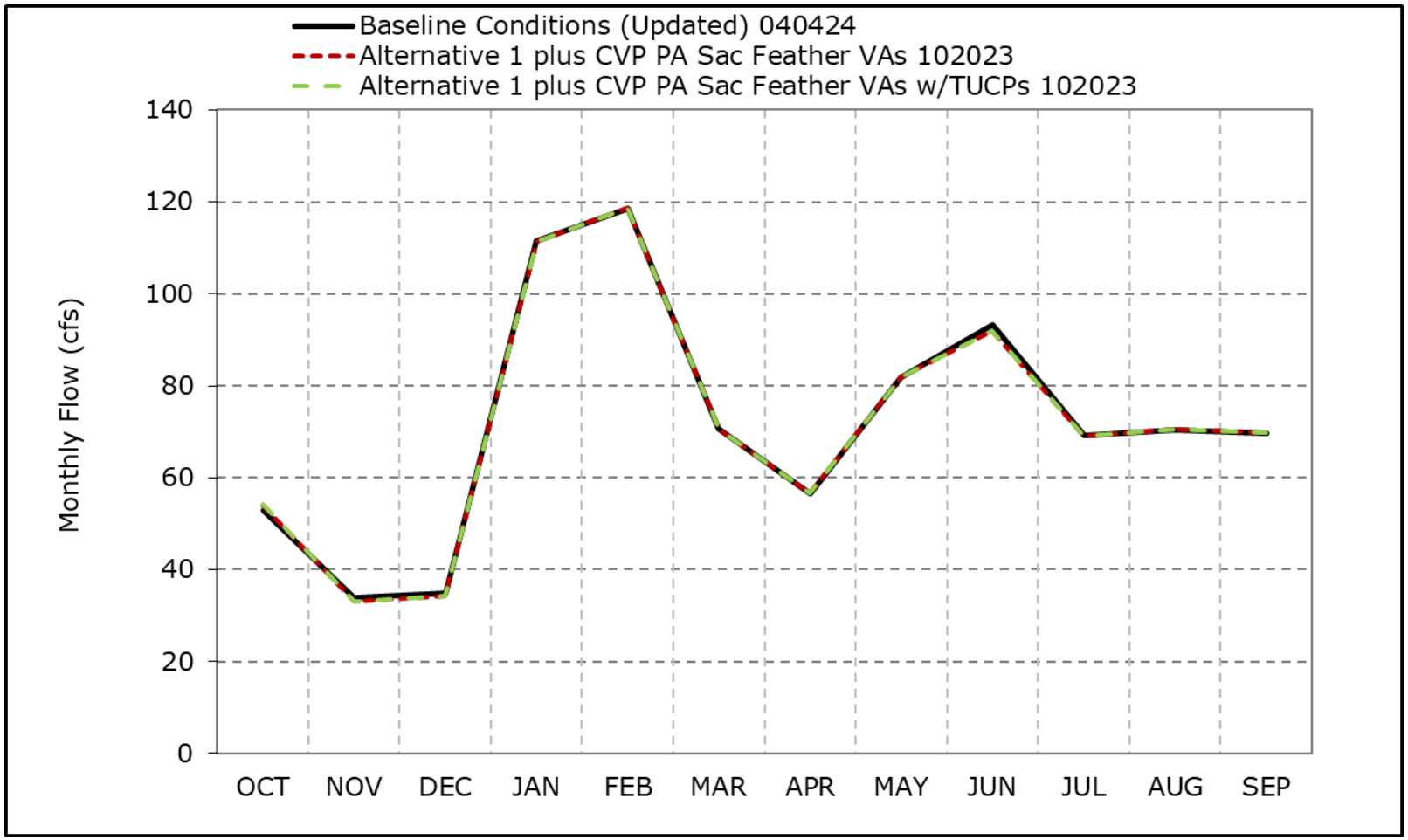
* Water Year Types results are displayed with water year - year type sorting.

Figure 4F-4-1a. NBAQ Diversion, Long-Term Average Flow



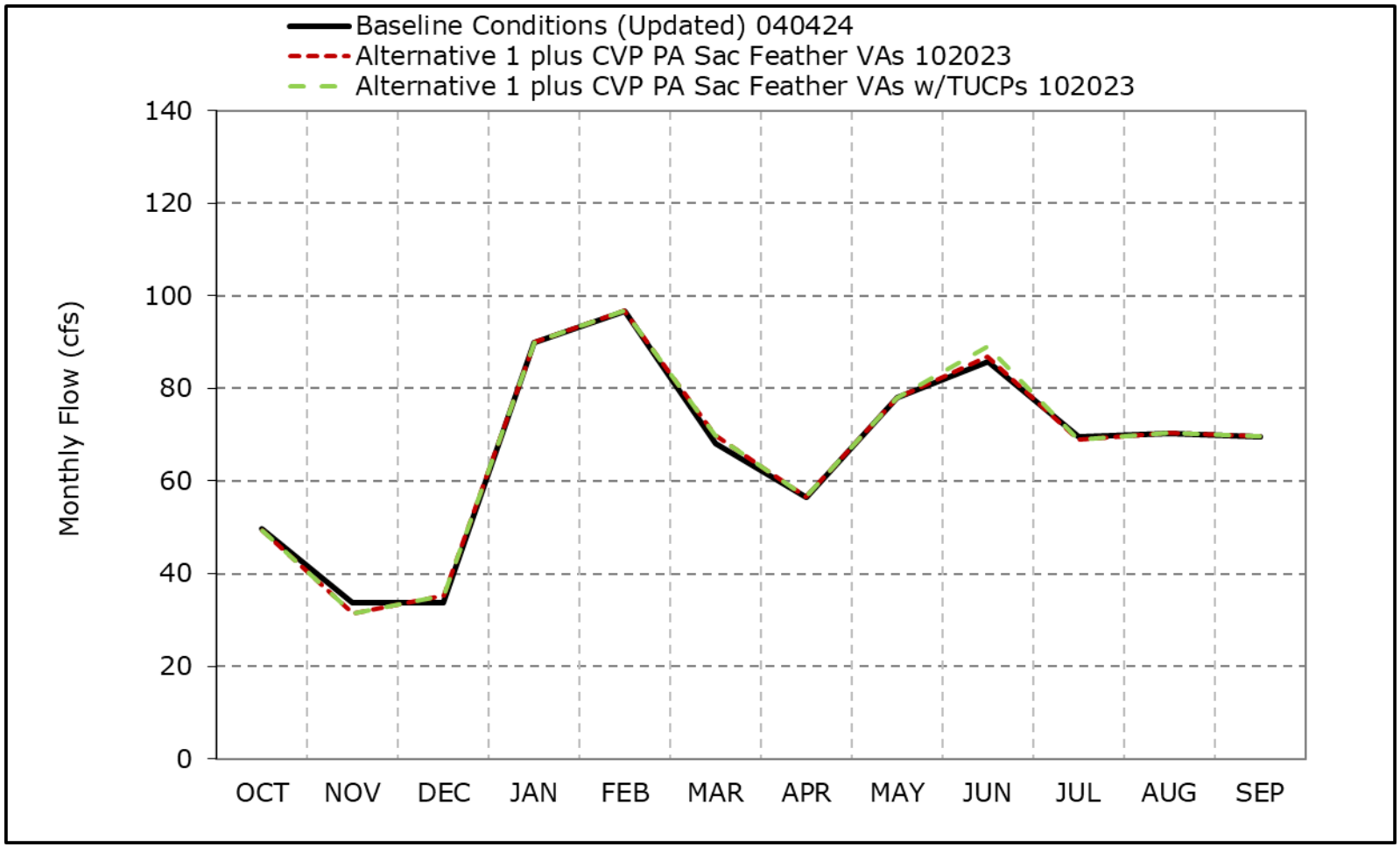
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1b. NBAQ Diversion, Wet Year Average Flow



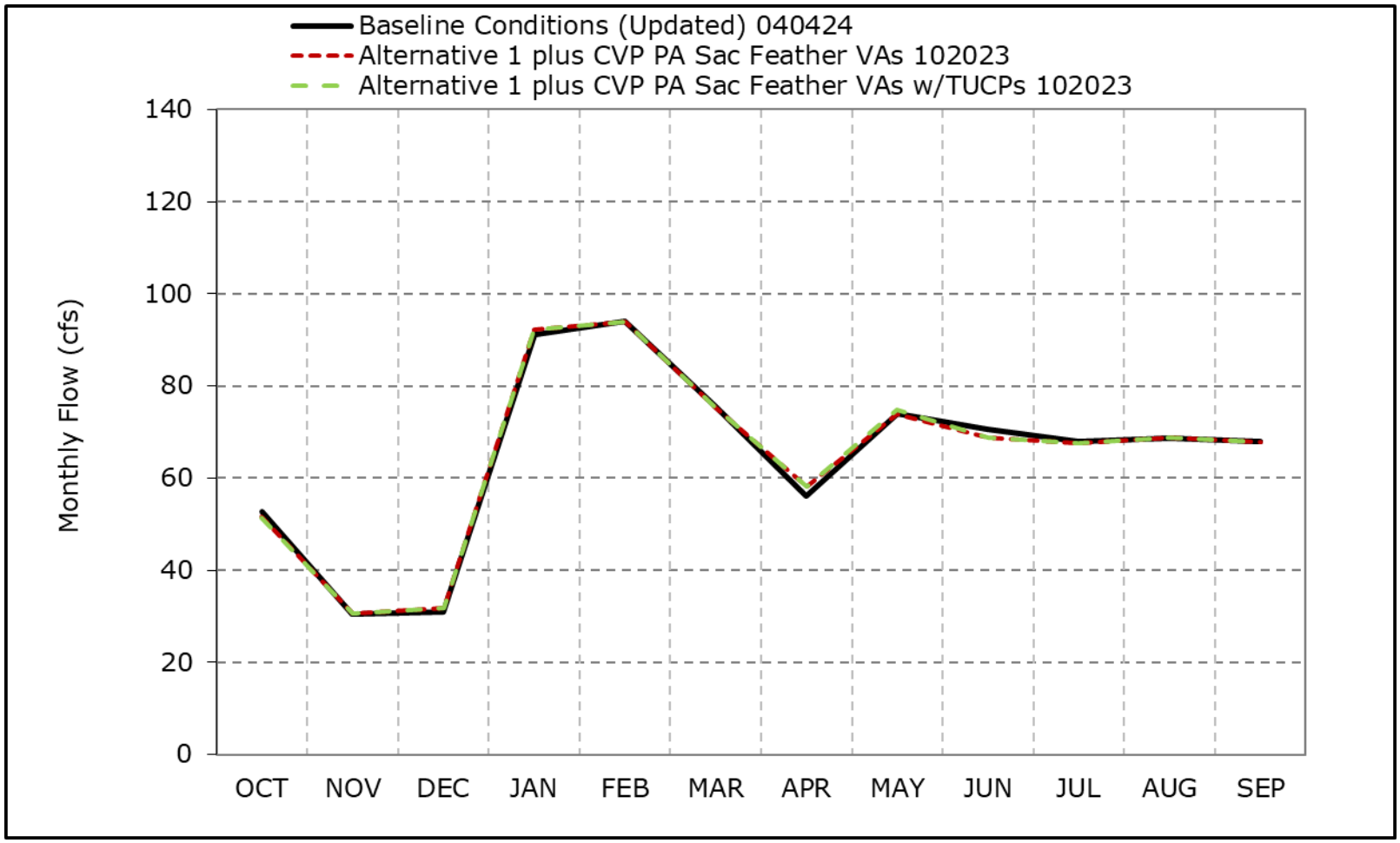
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1c. NBAQ Diversion, Above Normal Year Average Flow



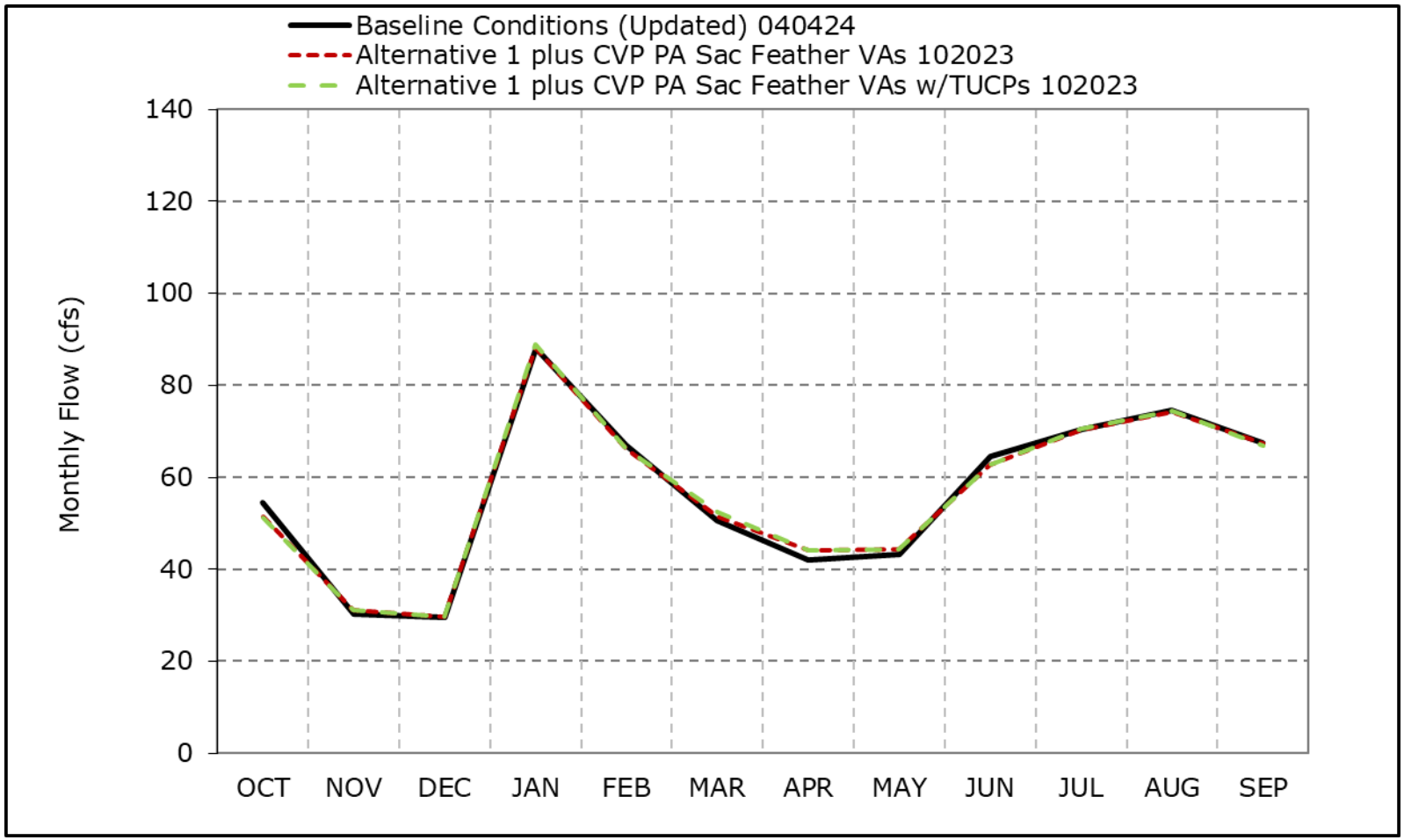
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1d. NBAQ Diversion, Below Normal Year Average Flow



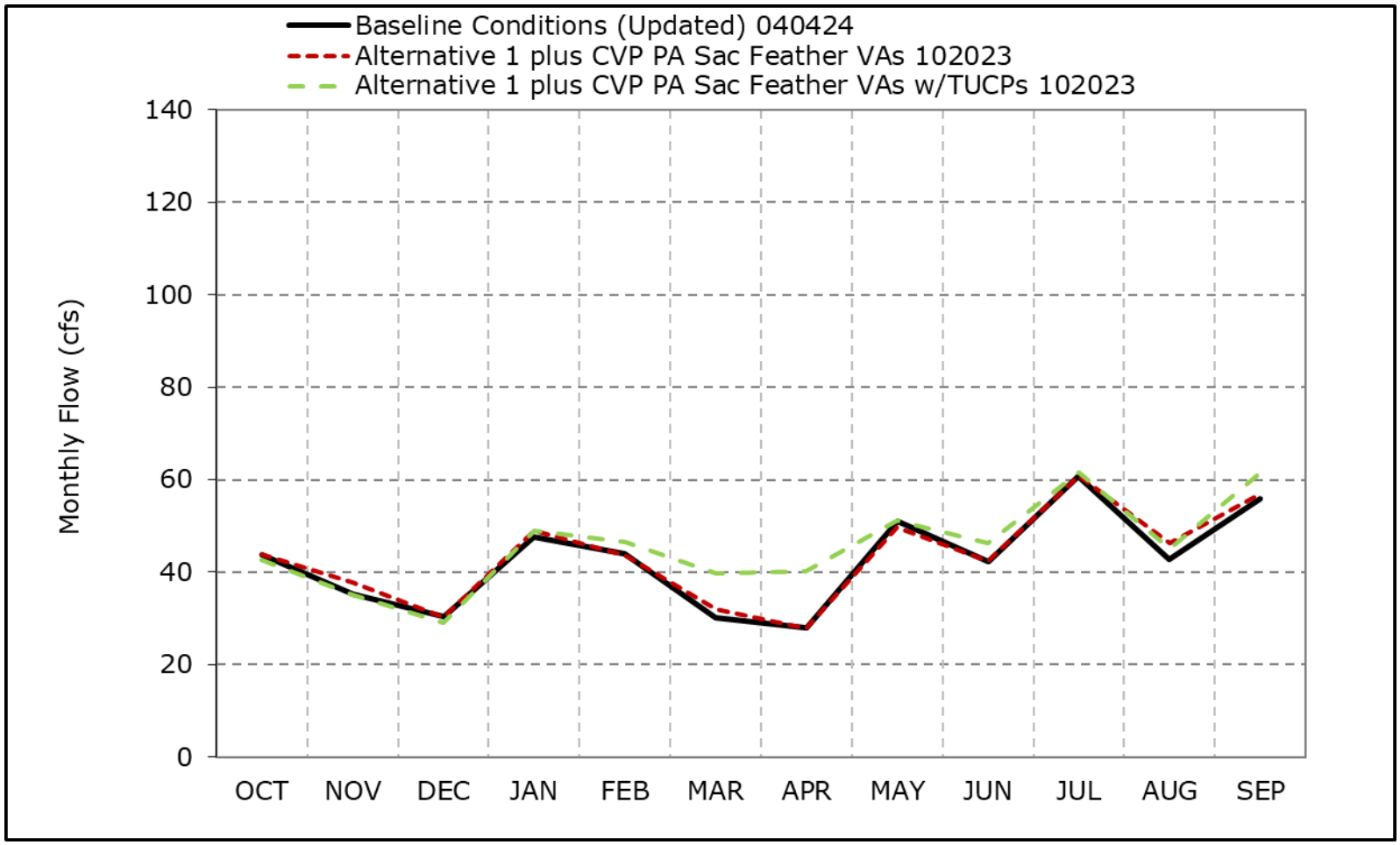
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1e. NBAQ Diversion, Dry Year Average Flow



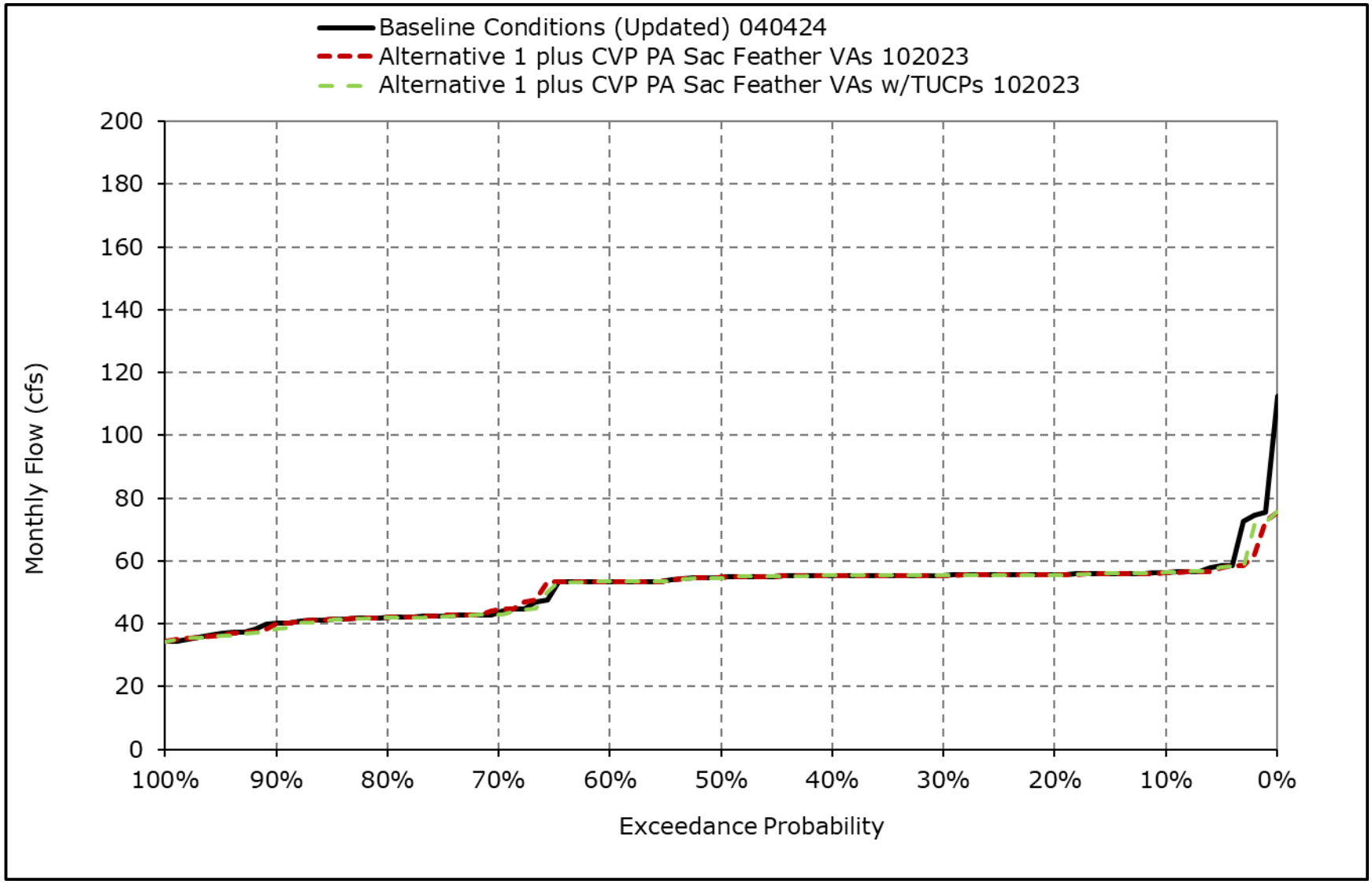
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1f. NBAQ Diversion, Critical Year Average Flow



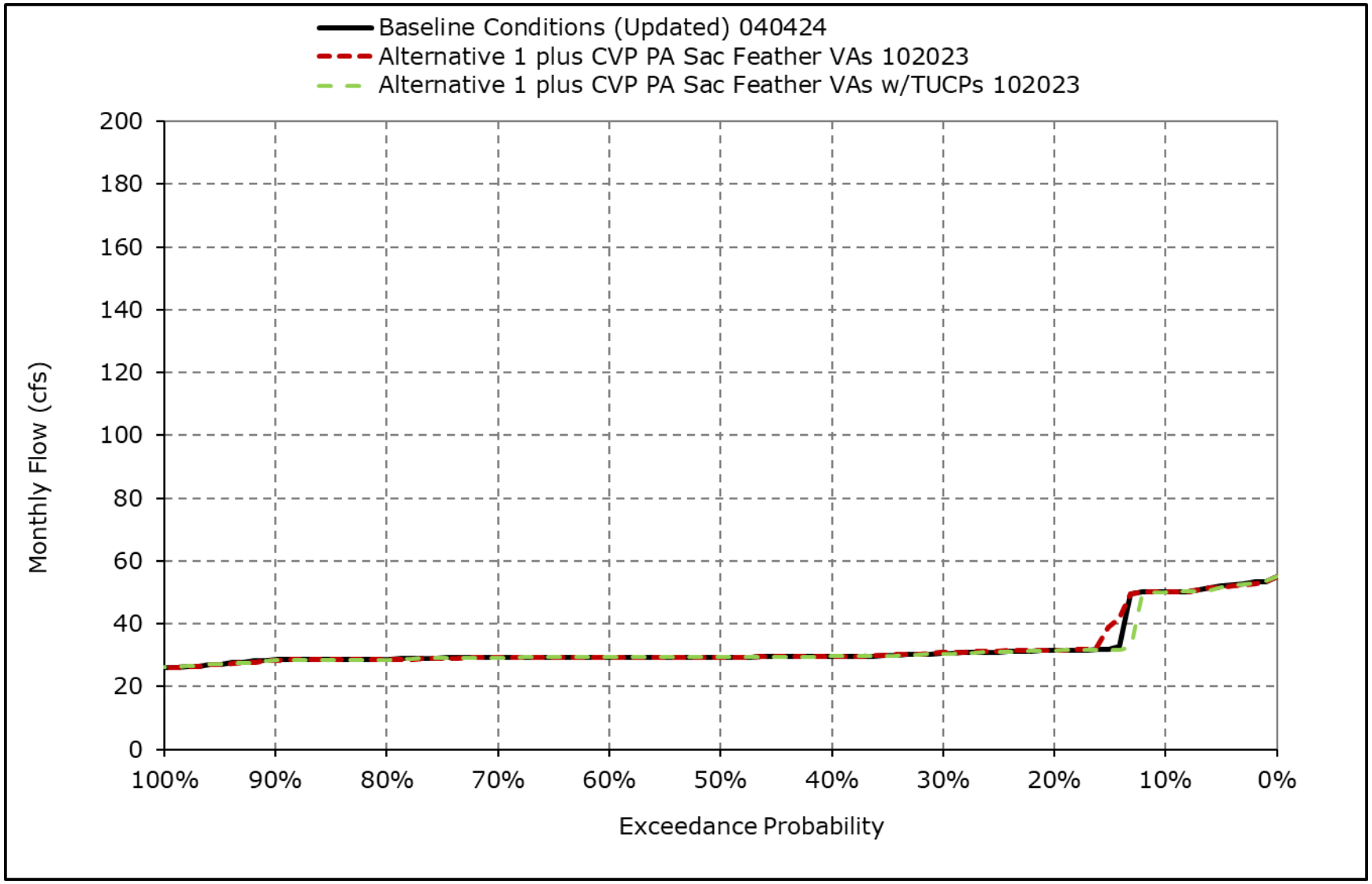
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1g. NBAQ Diversion, October



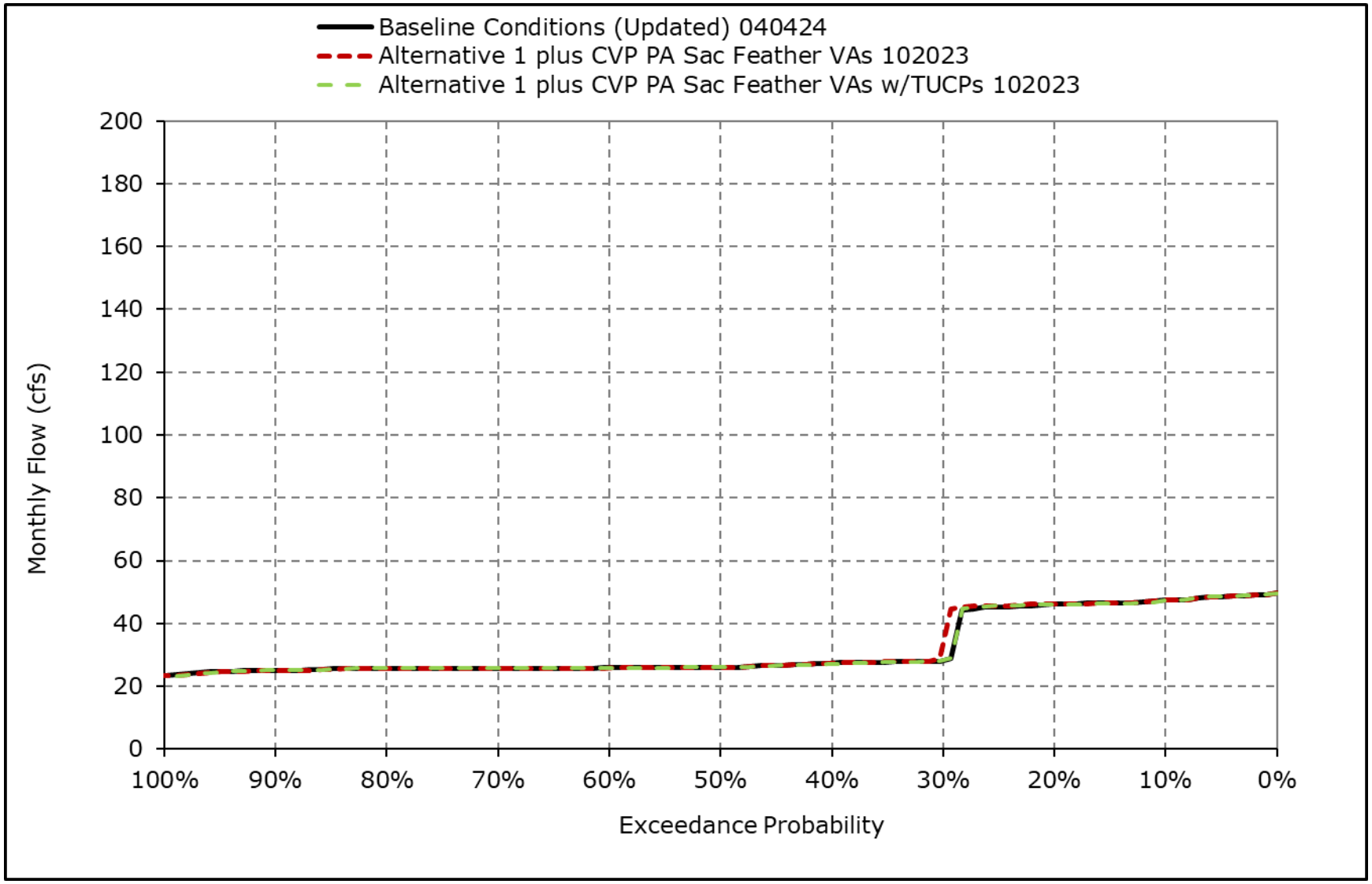
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1h. NBAQ Diversion, November



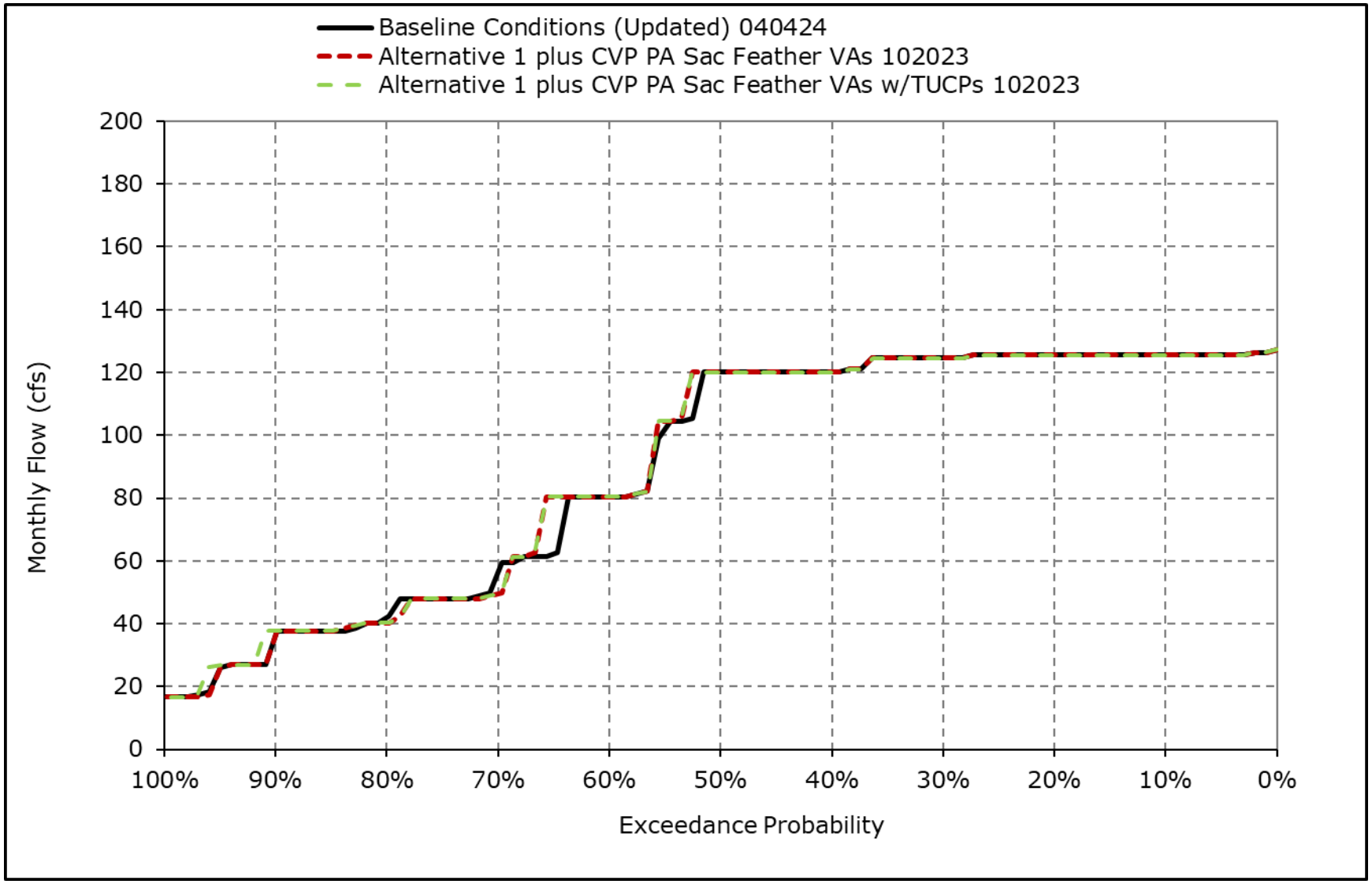
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1i. NBAQ Diversion, December



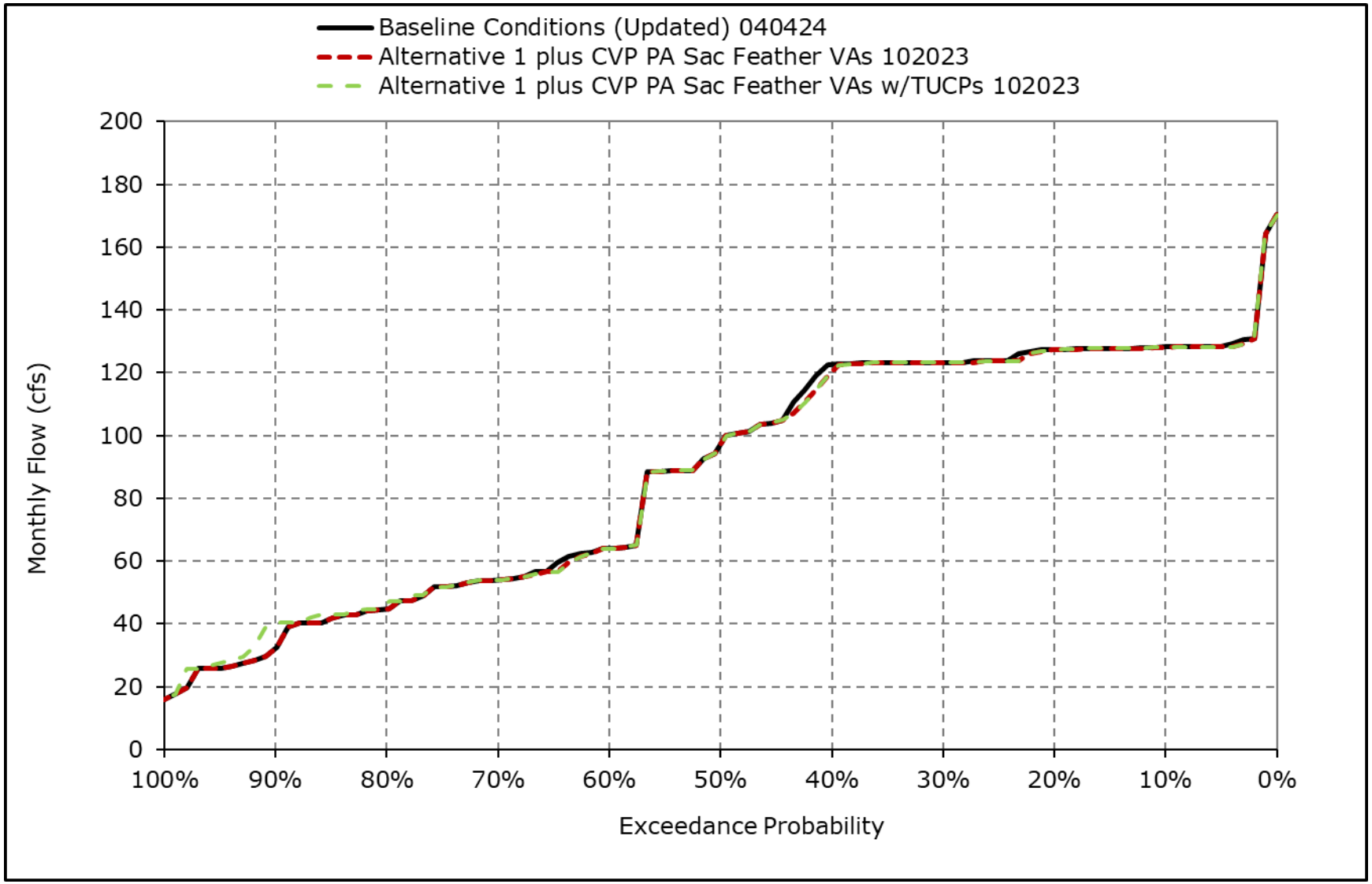
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1j. NBAQ Diversion, January



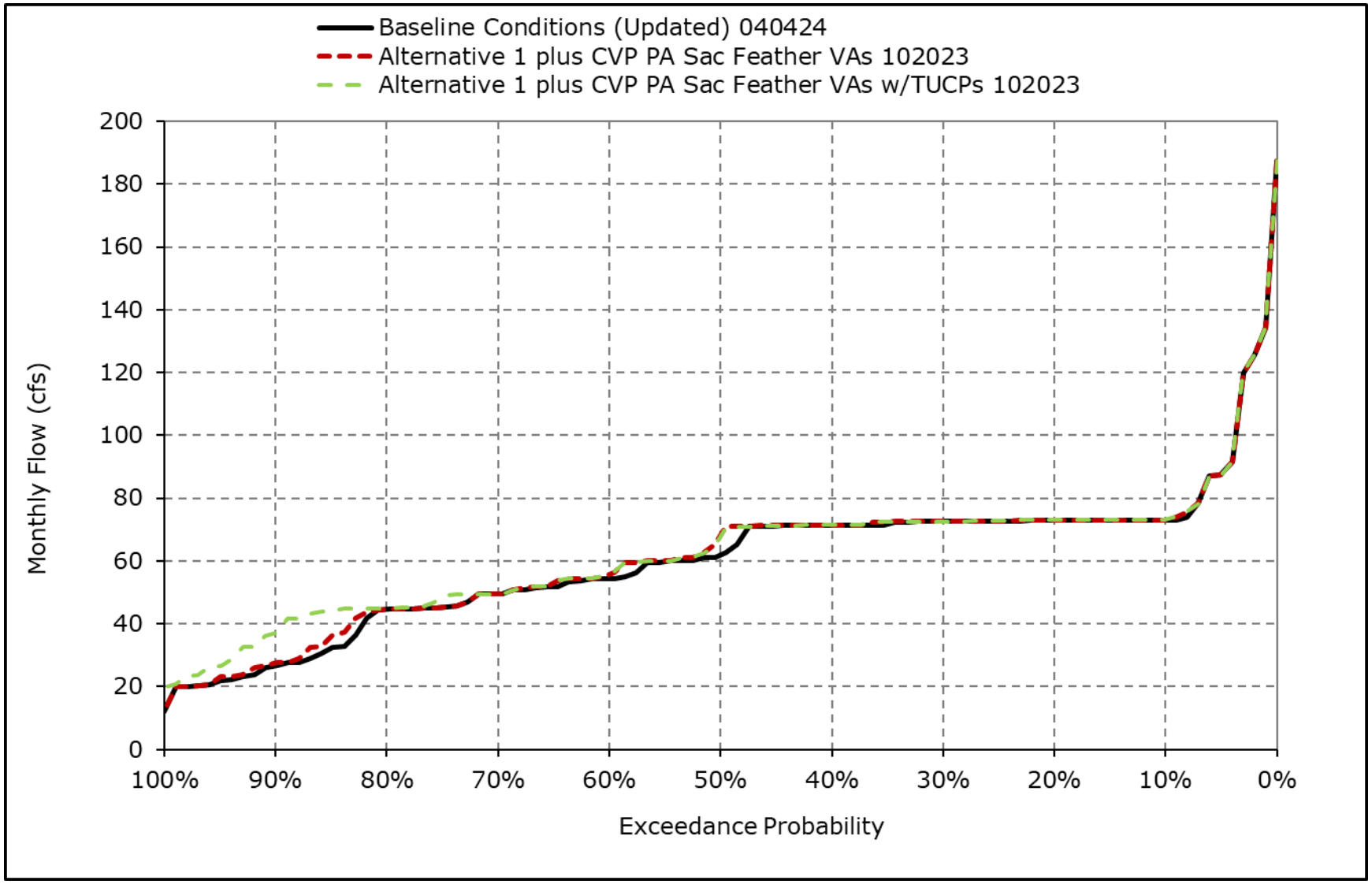
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1k. NBAQ Diversion, February



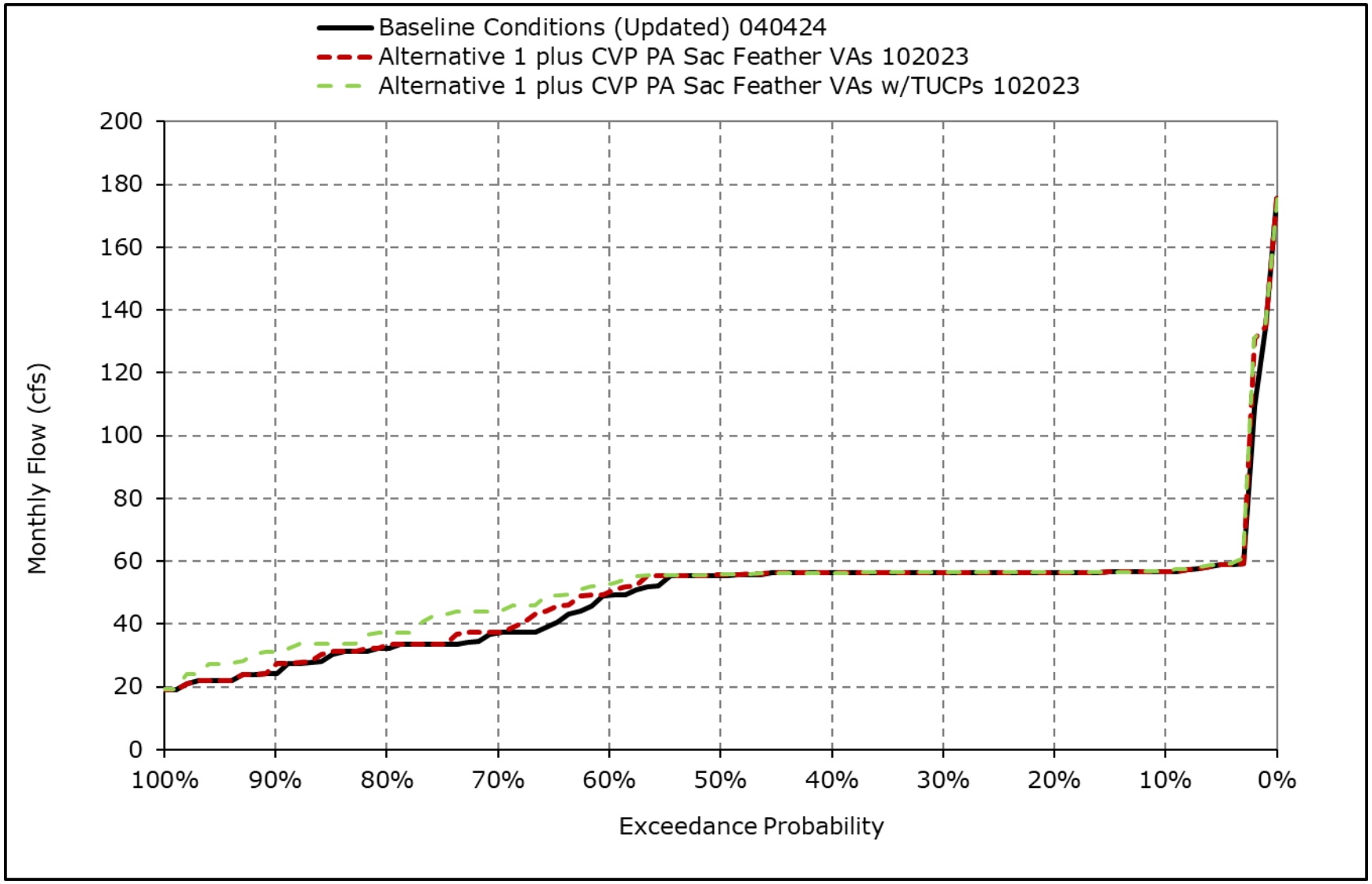
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1l. NBAQ Diversion, March



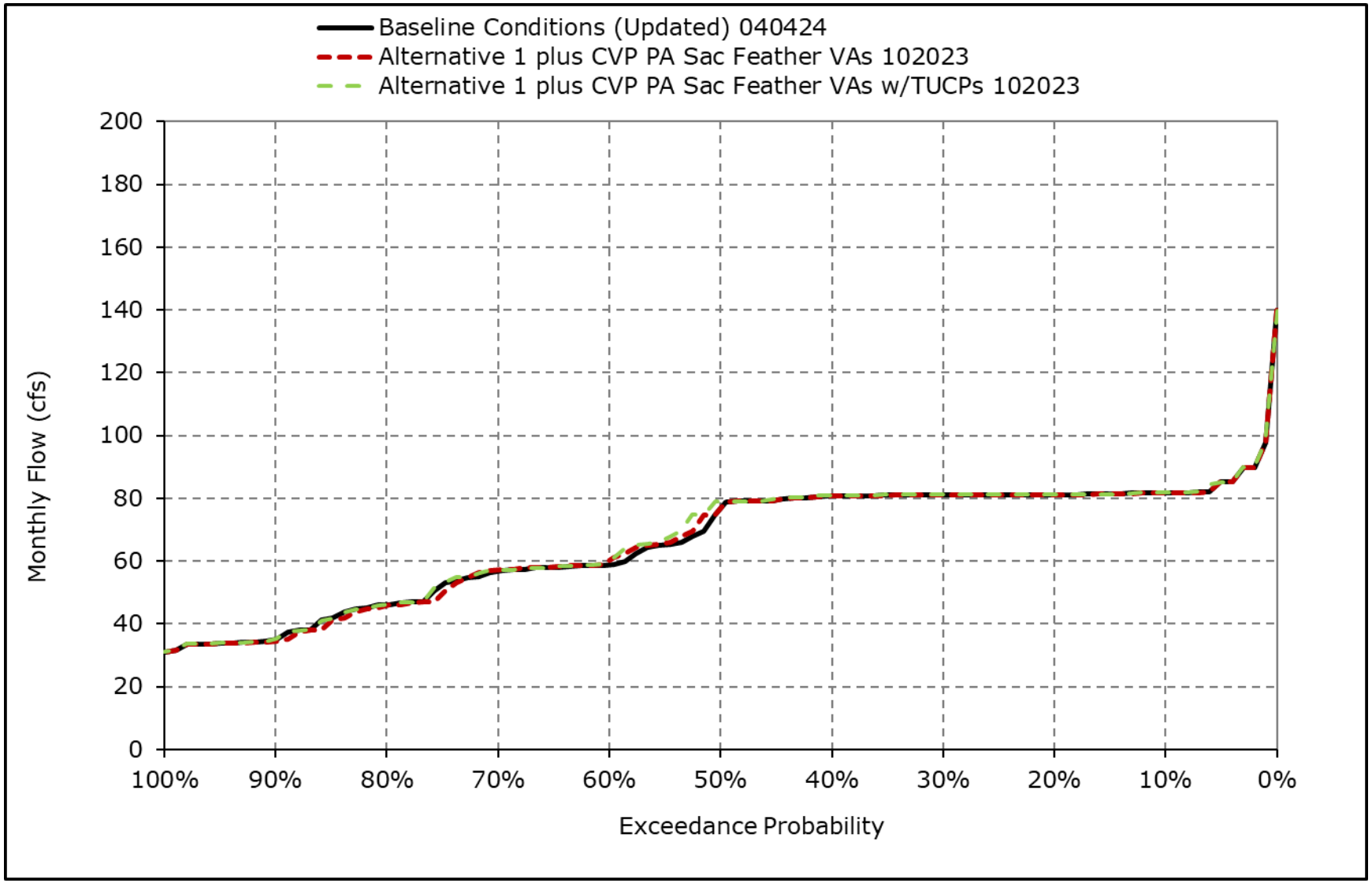
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1m. NBAQ Diversion, April



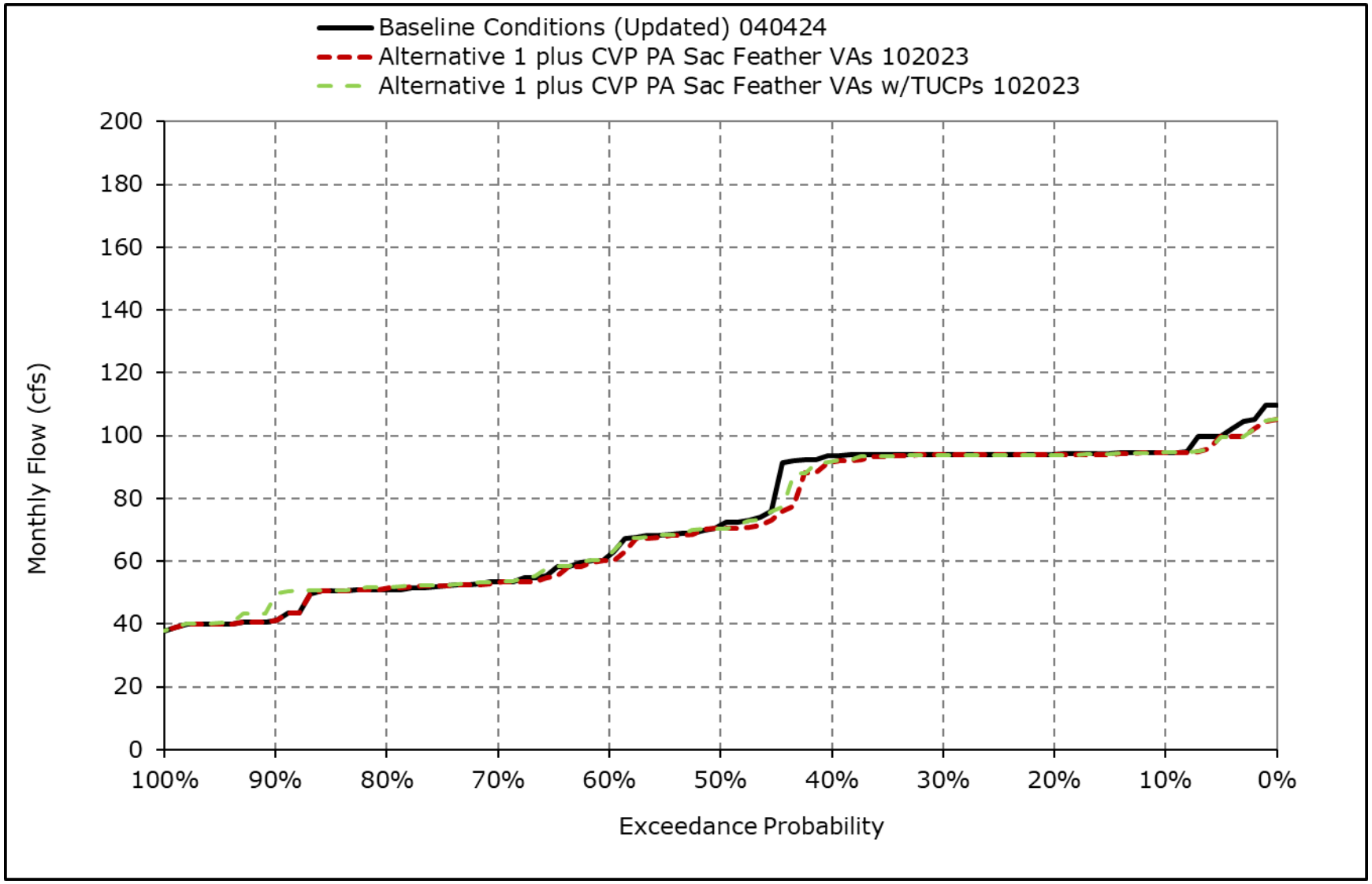
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1n. NBAQ Diversion, May



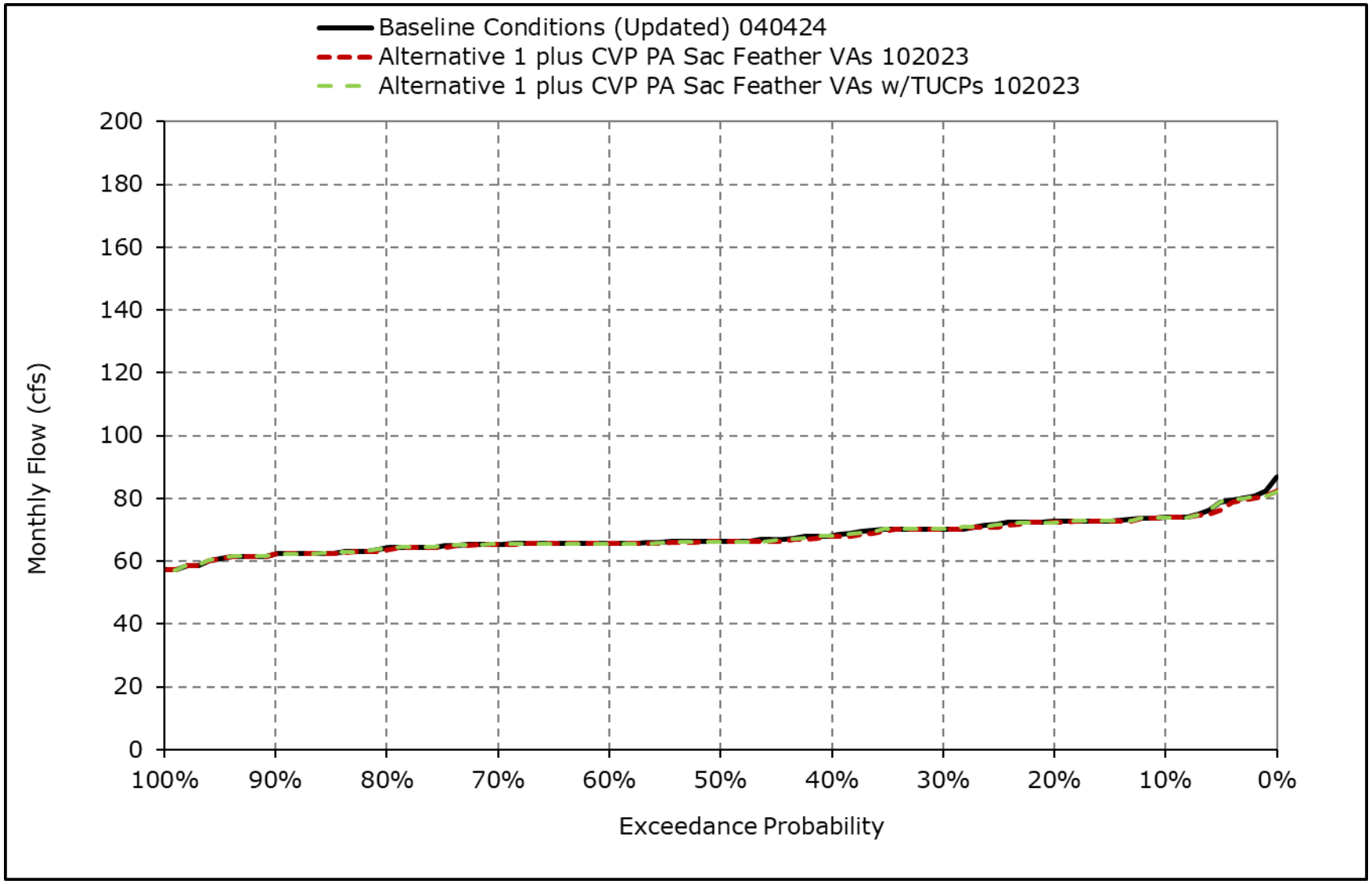
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1o. NBAQ Diversion, June



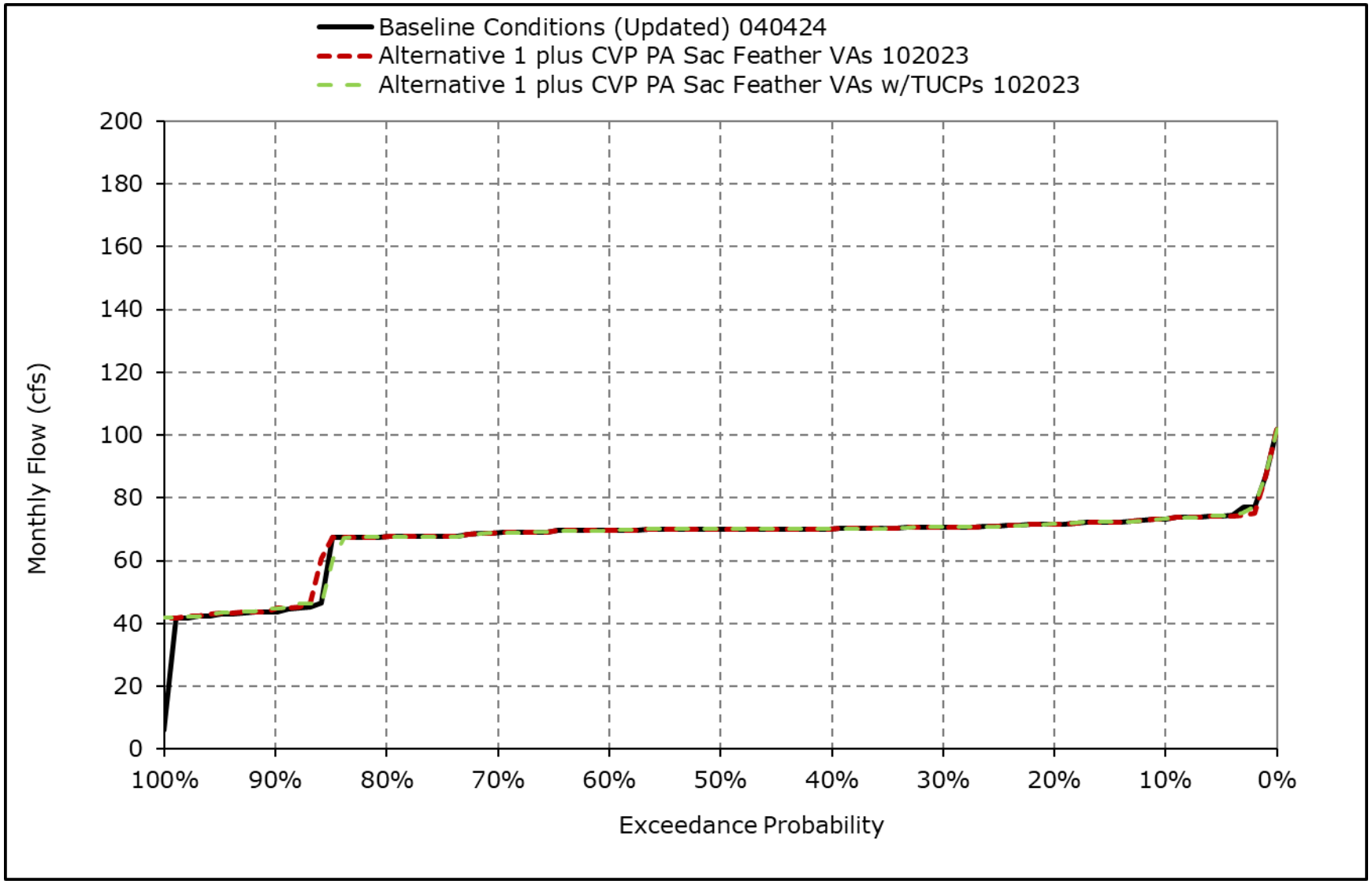
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1p. NBAQ Diversion, July



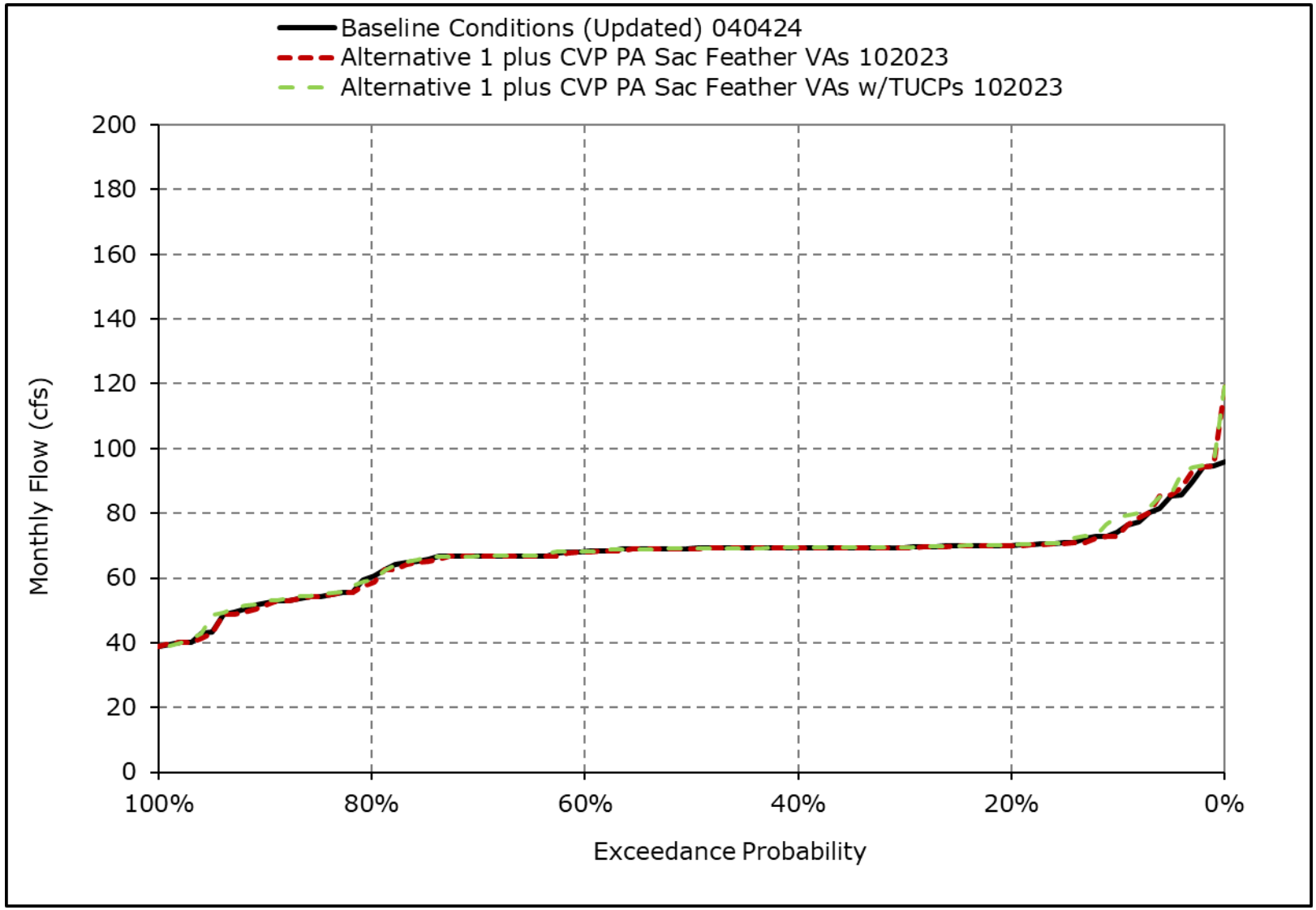
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1q. NBAQ Diversion, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-1r. NBAQ Diversion, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 4F-4-2-1a. DCC Flow, Baseline Conditions (Updated) 040424, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,482	1,937	0	0	0	0	0	0	3,199	4,499	3,804	4,077
20% Exceedance	2,319	1,837	0	0	0	0	0	0	2,577	4,291	3,689	3,945
30% Exceedance	2,137	1,761	0	0	0	0	0	0	2,458	4,066	3,630	3,676
40% Exceedance	1,913	1,549	0	0	0	0	0	0	2,402	3,915	3,535	3,320
50% Exceedance	1,797	1,435	0	0	0	0	0	0	2,331	3,836	3,385	3,120
60% Exceedance	1,640	1,326	0	0	0	0	0	0	2,163	3,680	3,220	2,739
70% Exceedance	1,271	1,007	0	0	0	0	0	0	1,964	3,386	2,926	2,331
80% Exceedance	0	0	0	0	0	0	0	0	1,594	3,071	2,434	2,097
90% Exceedance	0	0	0	0	0	0	0	0	0	2,273	1,937	1,921
Full Simulation Period Average[a]	1,445	1,199	0	0	0	0	0	0	2,076	3,593	3,153	3,010
Wet Water Years (30%)	1,462	1,219	0	0	0	0	0	0	1,831	3,598	3,550	3,764
Above Normal Water Years (11%)	1,585	872	0	0	0	0	0	0	1,829	4,198	3,799	3,825
Below Normal Water Years (21%)	1,733	1,378	0	0	0	0	0	0	2,477	4,186	3,519	3,070
Dry Water Years (22%)	1,487	1,444	0	0	0	0	0	0	2,348	3,651	2,818	2,310
Critical Water Years (16%)	883	814	0	0	0	0	0	0	1,805	2,310	1,943	1,918

Table 4F-4-2-1b. DCC Flow, Alternative 1 plus CVP PA Sac Feather VAs 102023, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,369	1,932	0	0	0	0	0	0	3,258	4,421	3,732	4,306
20% Exceedance	2,231	1,831	0	0	0	0	0	0	2,623	4,257	3,633	4,078
30% Exceedance	2,081	1,789	0	0	0	0	0	0	2,451	4,025	3,558	3,786
40% Exceedance	1,988	1,558	0	0	0	0	0	0	2,386	3,857	3,435	3,464
50% Exceedance	1,825	1,458	0	0	0	0	0	0	2,319	3,749	3,358	3,160
60% Exceedance	1,652	1,297	0	0	0	0	0	0	2,252	3,580	3,183	2,559
70% Exceedance	1,345	1,107	0	0	0	0	0	0	1,970	3,328	2,850	2,343
80% Exceedance	0	0	0	0	0	0	0	0	1,509	2,999	2,239	2,107
90% Exceedance	0	0	0	0	0	0	0	0	0	2,255	1,901	1,881
Full Simulation Period Average[a]	1,482	1,212	0	0	0	0	0	0	2,081	3,533	3,084	3,073
Wet Water Years (30%)	1,561	1,206	0	0	0	0	0	0	1,839	3,591	3,542	3,927
Above Normal Water Years (11%)	1,555	857	0	0	0	0	0	0	1,842	4,166	3,697	4,047
Below Normal Water Years (21%)	1,748	1,358	0	0	0	0	0	0	2,537	4,103	3,431	3,010
Dry Water Years (22%)	1,437	1,510	0	0	0	0	0	0	2,344	3,521	2,690	2,331
Critical Water Years (16%)	994	865	0	0	0	0	0	0	1,737	2,258	1,890	1,905

Table 4F-4-2-1c. DCC Flow, Alternative 1 plus CVP PA Sac Feather VAs 102023 minus Baseline Conditions (Updated) 040424, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-113	-5	0	0	0	0	0	0	59	-78	-71	229
20% Exceedance	-88	-7	0	0	0	0	0	0	46	-34	-56	133
30% Exceedance	-56	28	0	0	0	0	0	0	-7	-41	-72	109
40% Exceedance	75	9	0	0	0	0	0	0	-16	-58	-100	144
50% Exceedance	27	23	0	0	0	0	0	0	-12	-87	-27	40
60% Exceedance	12	-29	0	0	0	0	0	0	90	-100	-37	-180
70% Exceedance	75	100	0	0	0	0	0	0	7	-58	-75	13
80% Exceedance	0	0	0	0	0	0	0	0	-86	-72	-195	9
90% Exceedance	0	0	0	0	0	0	0	0	0	-18	-36	-40
Full Simulation Period Average[a]	36	13	0	0	0	0	0	0	5	-60	-69	63
Wet Water Years (30%)	99	-13	0	0	0	0	0	0	8	-7	-8	162
Above Normal Water Years (11%)	-30	-15	0	0	0	0	0	0	13	-32	-102	222
Below Normal Water Years (21%)	14	-20	0	0	0	0	0	0	59	-82	-88	-61
Dry Water Years (22%)	-50	66	0	0	0	0	0	0	-3	-130	-128	21
Critical Water Years (16%)	111	52	0	0	0	0	0	0	-68	-52	-53	-13

[a] Based on the 100-year simulation period.

* All scenarios are simulated at current climate condition and 0 cm sea level rise.

* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).

* Water Year Types results are displayed with water year - year type sorting.

Table 4F-4-2-2a. DCC Flow, Baseline Conditions (Updated) 040424, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,482	1,937	0	0	0	0	0	0	3,199	4,499	3,804	4,077
20% Exceedance	2,319	1,837	0	0	0	0	0	0	2,577	4,291	3,689	3,945
30% Exceedance	2,137	1,761	0	0	0	0	0	0	2,458	4,066	3,630	3,676
40% Exceedance	1,913	1,549	0	0	0	0	0	0	2,402	3,915	3,535	3,320
50% Exceedance	1,797	1,435	0	0	0	0	0	0	2,331	3,836	3,385	3,120
60% Exceedance	1,640	1,326	0	0	0	0	0	0	2,163	3,680	3,220	2,739
70% Exceedance	1,271	1,007	0	0	0	0	0	0	1,964	3,386	2,926	2,331
80% Exceedance	0	0	0	0	0	0	0	0	1,594	3,071	2,434	2,097
90% Exceedance	0	0	0	0	0	0	0	0	0	2,273	1,937	1,921
Full Simulation Period Average[a]	1,445	1,199	0	0	0	0	0	0	2,076	3,593	3,153	3,010
Wet Water Years (30%)	1,462	1,219	0	0	0	0	0	0	1,831	3,598	3,550	3,764
Above Normal Water Years (11%)	1,585	872	0	0	0	0	0	0	1,829	4,198	3,799	3,825
Below Normal Water Years (21%)	1,733	1,378	0	0	0	0	0	0	2,477	4,186	3,519	3,070
Dry Water Years (22%)	1,487	1,444	0	0	0	0	0	0	2,348	3,651	2,818	2,310
Critical Water Years (16%)	883	814	0	0	0	0	0	0	1,805	2,310	1,943	1,918

Table 4F-4-2-2b. DCC Flow, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	2,406	1,942	0	0	0	0	0	0	3,258	4,414	3,740	4,307
20% Exceedance	2,277	1,831	0	0	0	0	0	0	2,611	4,258	3,629	4,090
30% Exceedance	2,109	1,789	0	0	0	0	0	0	2,445	4,025	3,558	3,786
40% Exceedance	1,997	1,558	0	0	0	0	0	0	2,371	3,882	3,447	3,494
50% Exceedance	1,850	1,470	0	0	0	0	0	0	2,316	3,750	3,359	3,206
60% Exceedance	1,652	1,296	0	0	0	0	0	0	2,252	3,581	3,185	2,559
70% Exceedance	1,417	1,109	0	0	0	0	0	0	1,971	3,325	2,868	2,336
80% Exceedance	0	634	0	0	0	0	0	0	1,468	3,009	2,256	2,099
90% Exceedance	0	0	0	0	0	0	0	0	0	2,161	1,904	1,887
Full Simulation Period Average[a]	1,519	1,240	0	0	0	0	0	0	2,073	3,512	3,077	3,075
Wet Water Years (30%)	1,563	1,201	0	0	0	0	0	0	1,839	3,590	3,543	3,928
Above Normal Water Years (11%)	1,420	927	0	0	0	0	0	0	1,858	4,173	3,697	4,046
Below Normal Water Years (21%)	1,782	1,398	0	0	0	0	0	0	2,538	4,108	3,434	3,033
Dry Water Years (22%)	1,436	1,513	0	0	0	0	0	0	2,343	3,525	2,704	2,338
Critical Water Years (16%)	1,272	946	0	0	0	0	0	0	1,674	2,107	1,820	1,876

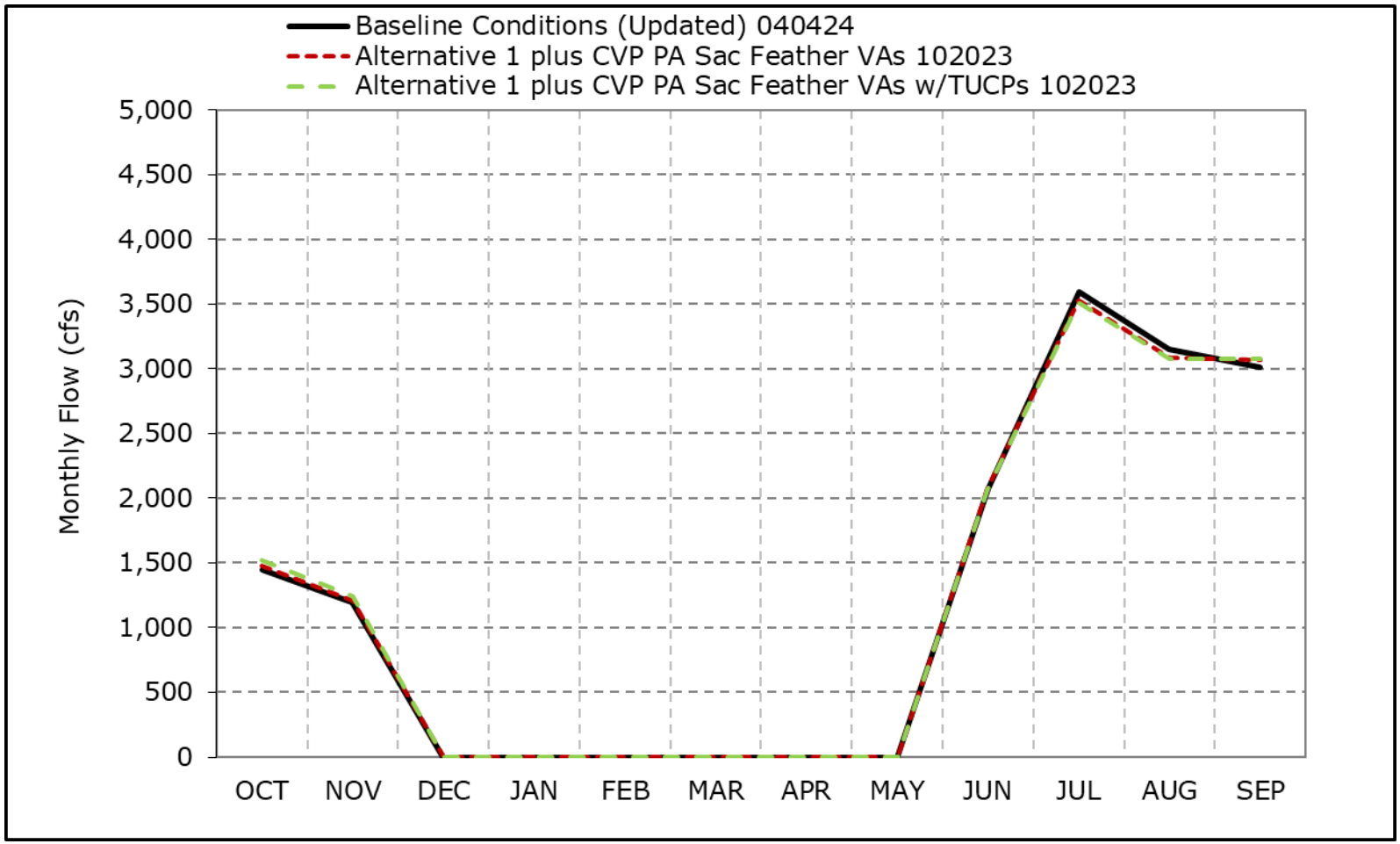
Table 4F-4-2-2c. DCC Flow, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023 minus Baseline Conditions (Updated) 040424, Monthly Flow (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-75	5	0	0	0	0	0	0	59	-85	-63	230
20% Exceedance	-43	-7	0	0	0	0	0	0	34	-33	-60	146
30% Exceedance	-28	28	0	0	0	0	0	0	-12	-41	-72	109
40% Exceedance	84	9	0	0	0	0	0	0	-31	-33	-88	174
50% Exceedance	52	35	0	0	0	0	0	0	-16	-86	-26	86
60% Exceedance	12	-30	0	0	0	0	0	0	90	-99	-35	-180
70% Exceedance	146	102	0	0	0	0	0	0	8	-61	-58	5
80% Exceedance	0	634	0	0	0	0	0	0	-127	-62	-178	2
90% Exceedance	0	0	0	0	0	0	0	0	0	-112	-33	-34
Full Simulation Period Average[a]	74	41	0	0	0	0	0	0	-3	-82	-76	65
Wet Water Years (30%)	101	-17	0	0	0	0	0	0	9	-8	-7	163
Above Normal Water Years (11%)	-165	55	0	0	0	0	0	0	30	-25	-101	221
Below Normal Water Years (21%)	49	19	0	0	0	0	0	0	60	-77	-85	-38
Dry Water Years (22%)	-51	68	0	0	0	0	0	0	-5	-126	-114	28
Critical Water Years (16%)	389	132	0	0	0	0	0	0	-130	-203	-124	-42

[a] Based on the 100-year simulation period.

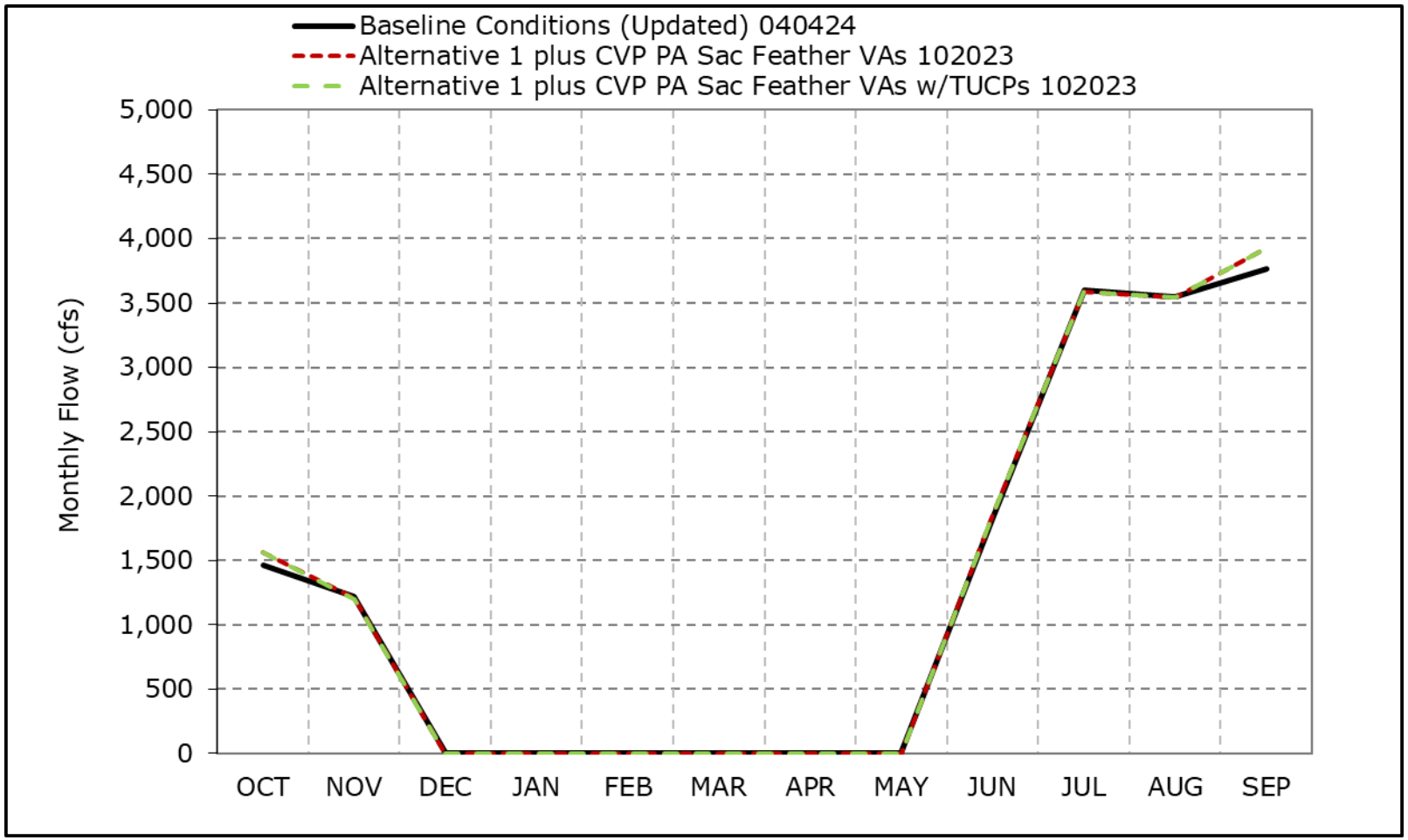
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* Water Year Types results are displayed with water year - year type sorting.

Figure 4F-4-2a. DCC Flow, Long-Term Average Flow



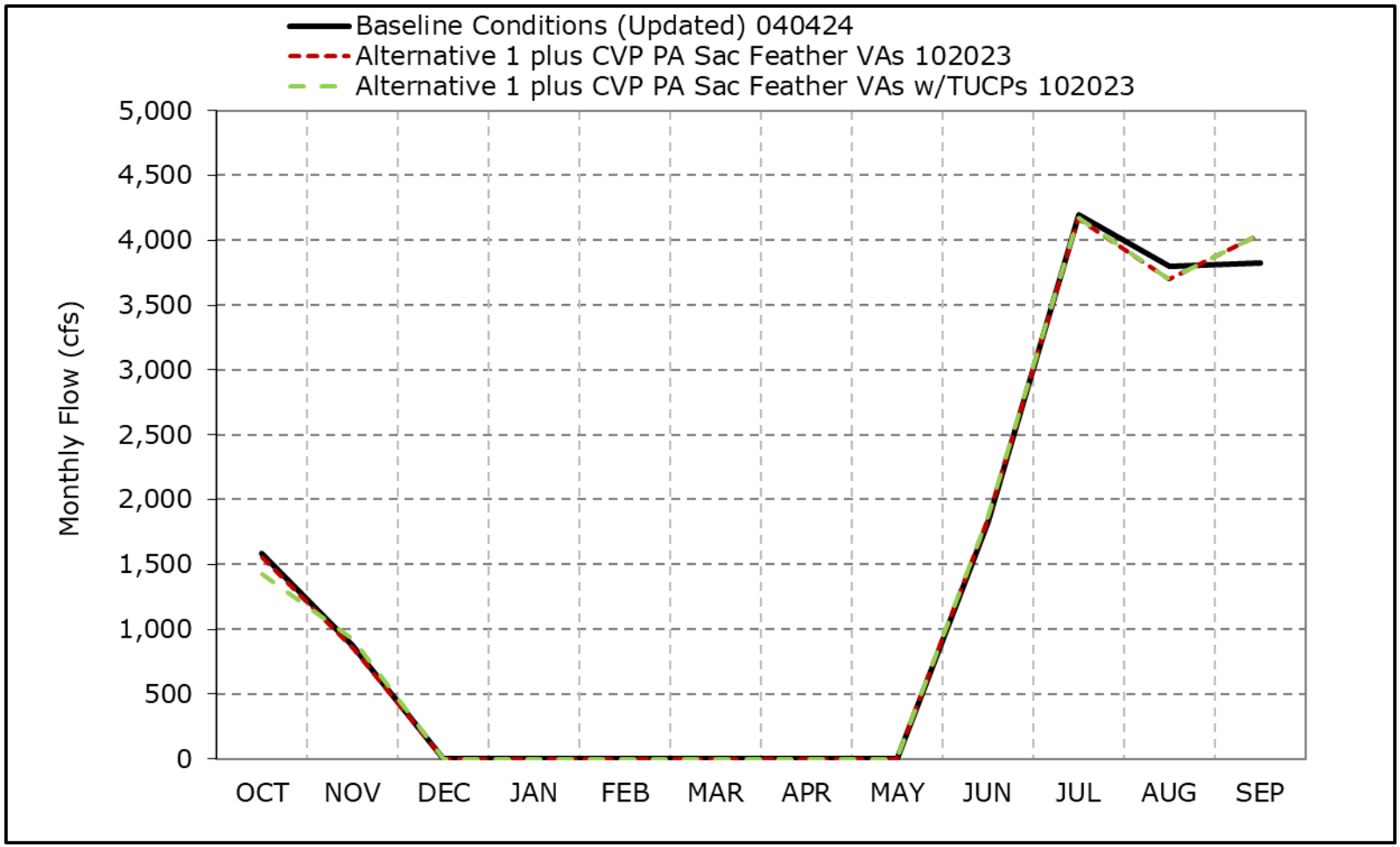
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2b. DCC Flow, Wet Year Average Flow



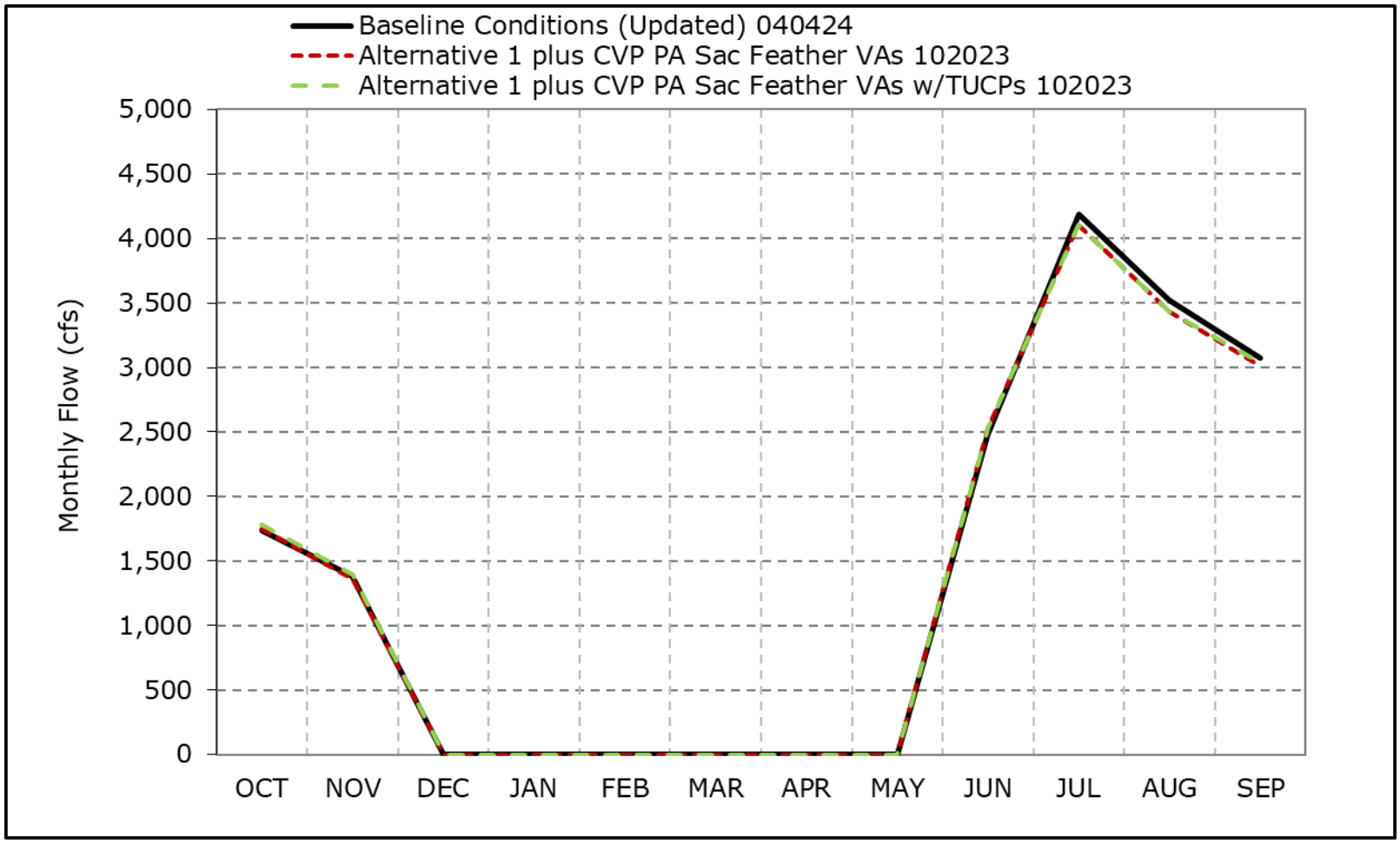
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2c. DCC Flow, Above Normal Year Average Flow



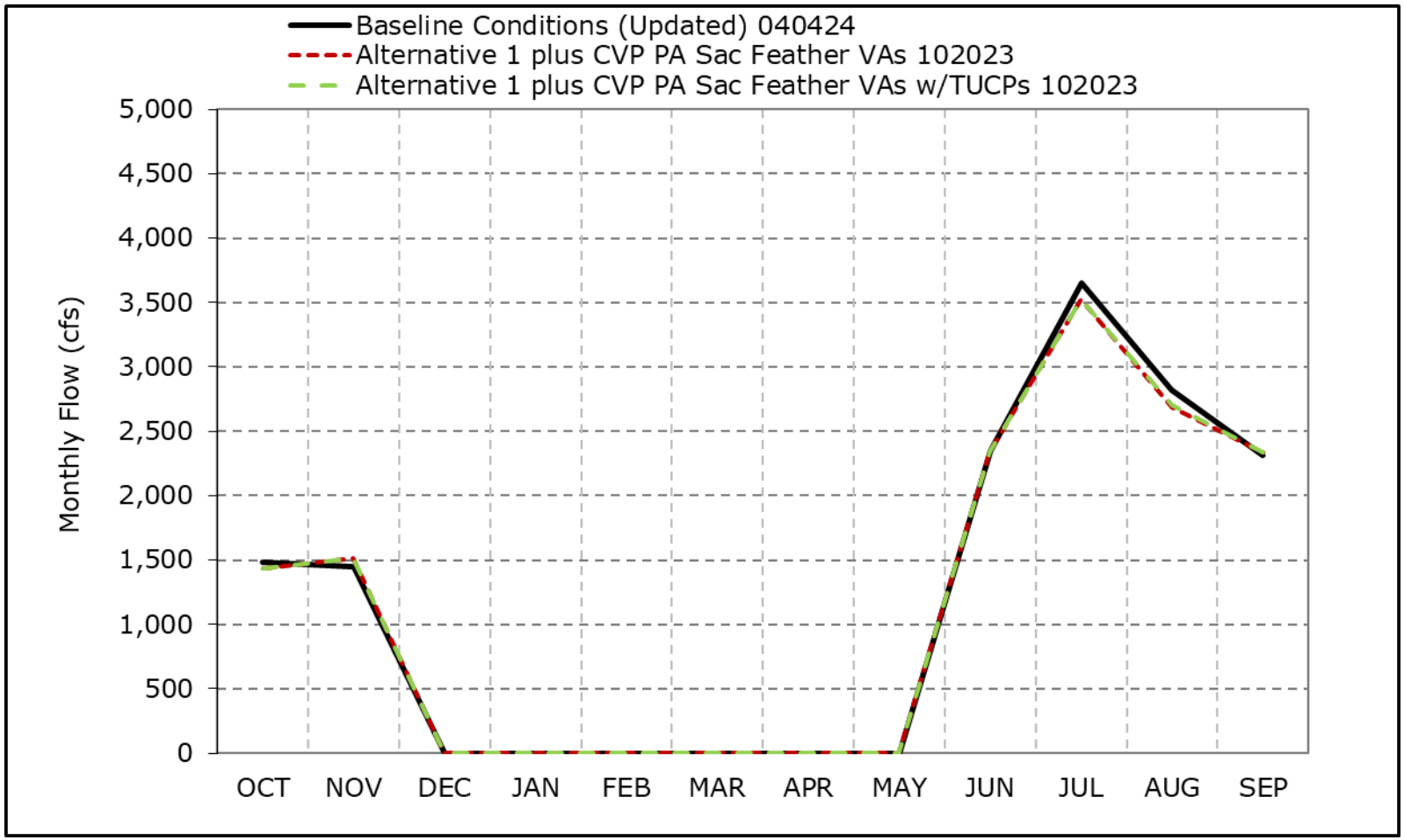
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2d. DCC Flow, Below Normal Year Average Flow



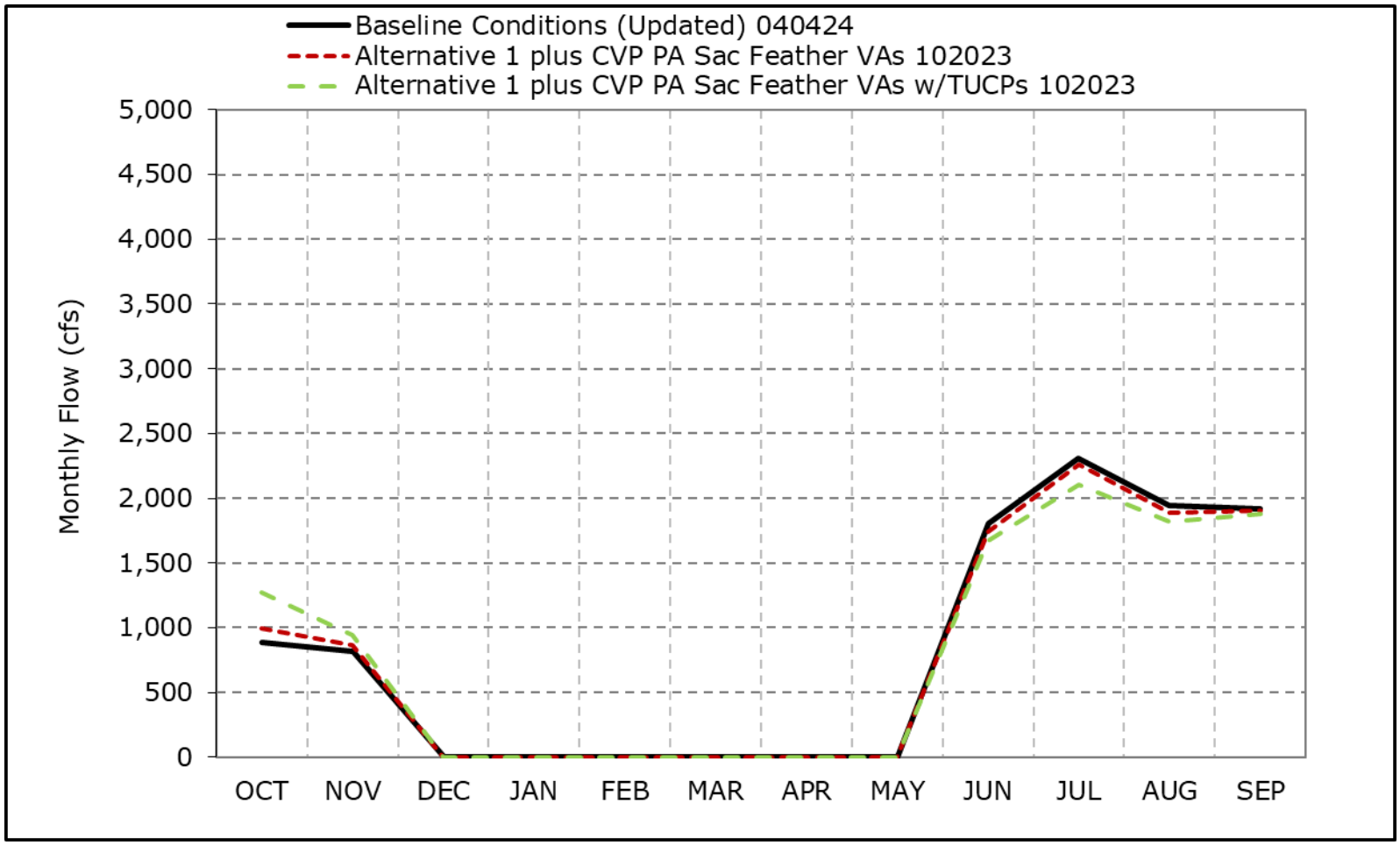
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2e. DCC Flow, Dry Year Average Flow



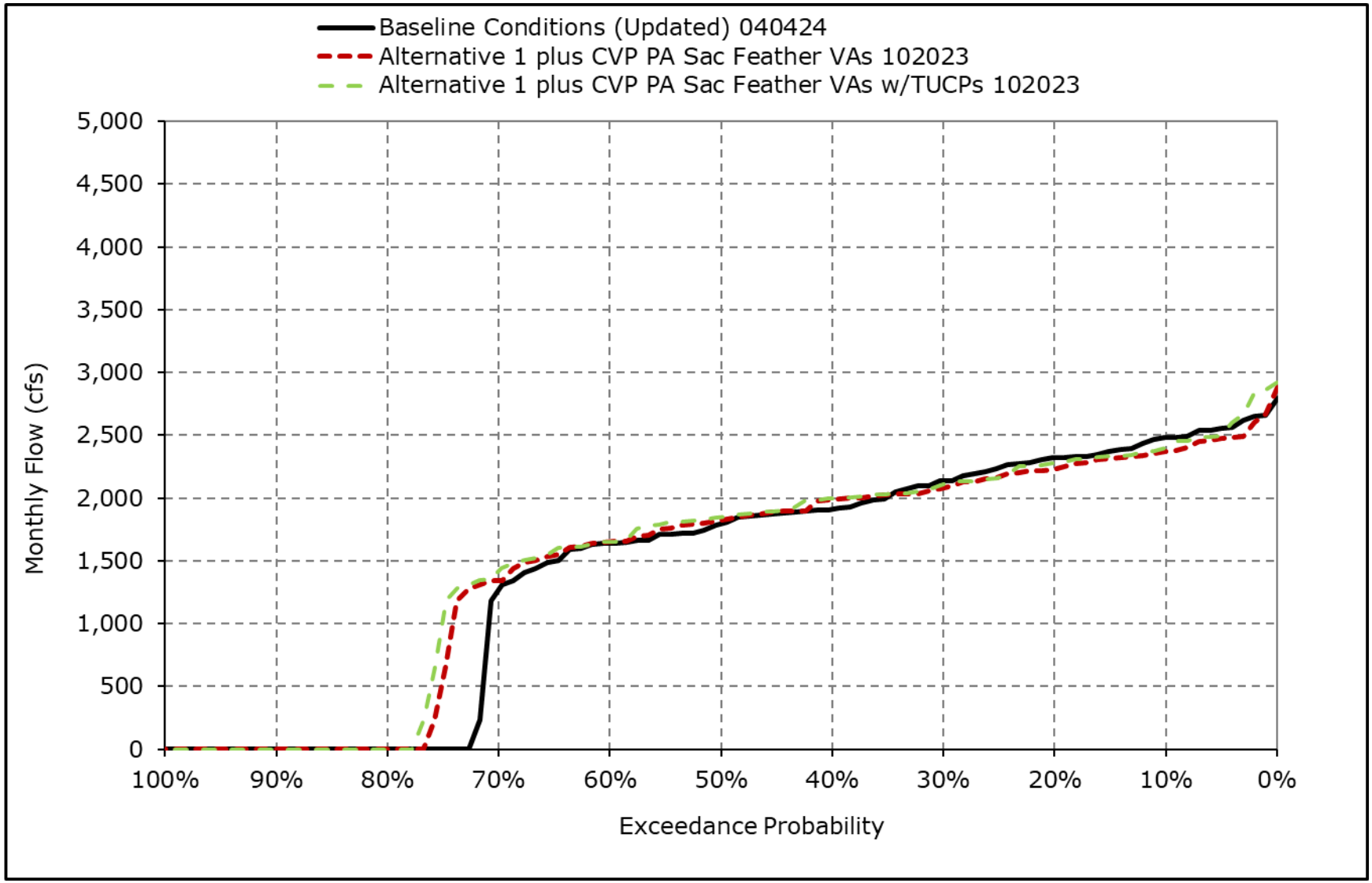
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2f. DCC Flow, Critical Year Average Flow



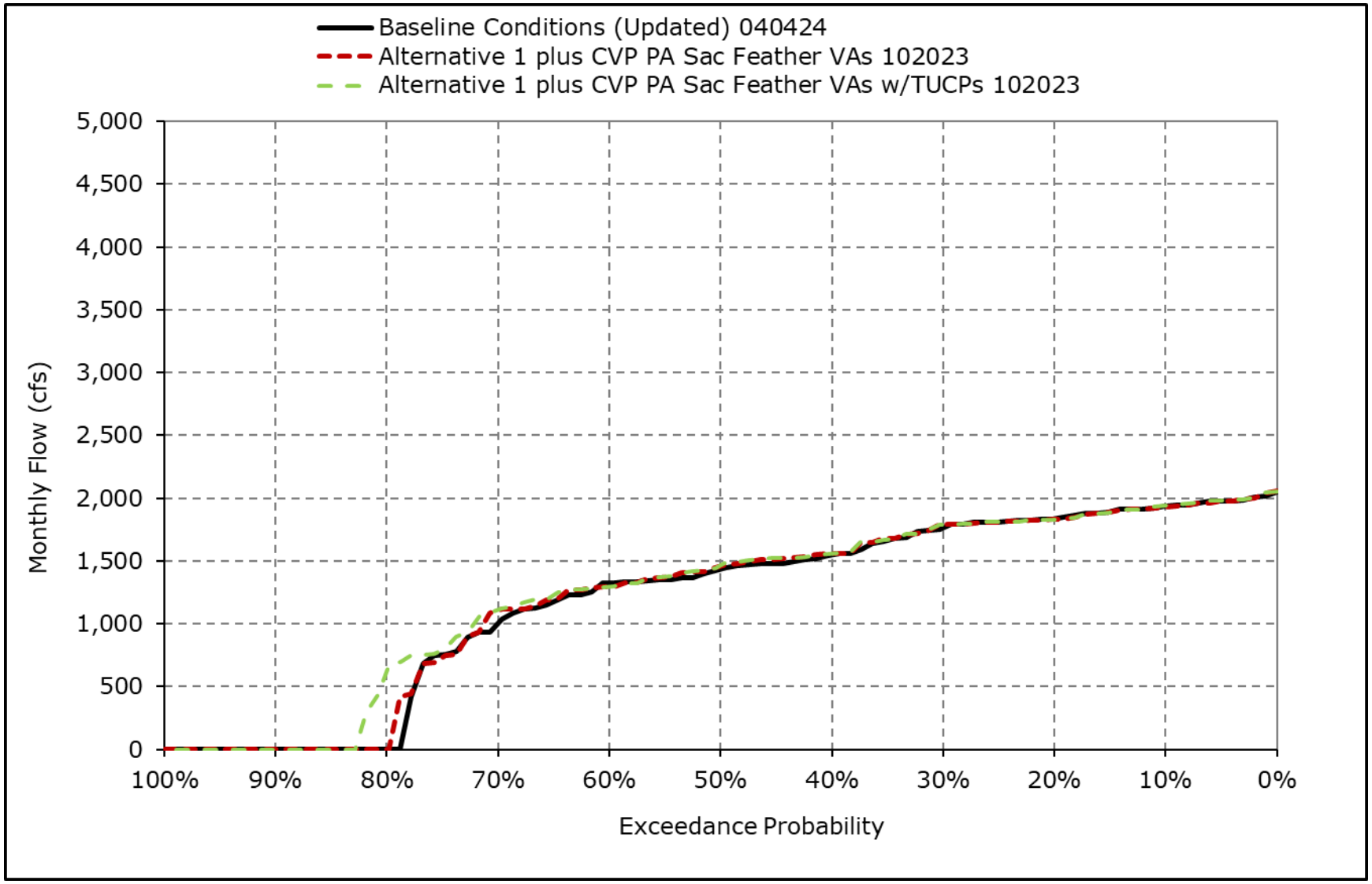
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2g. DCC Flow, October



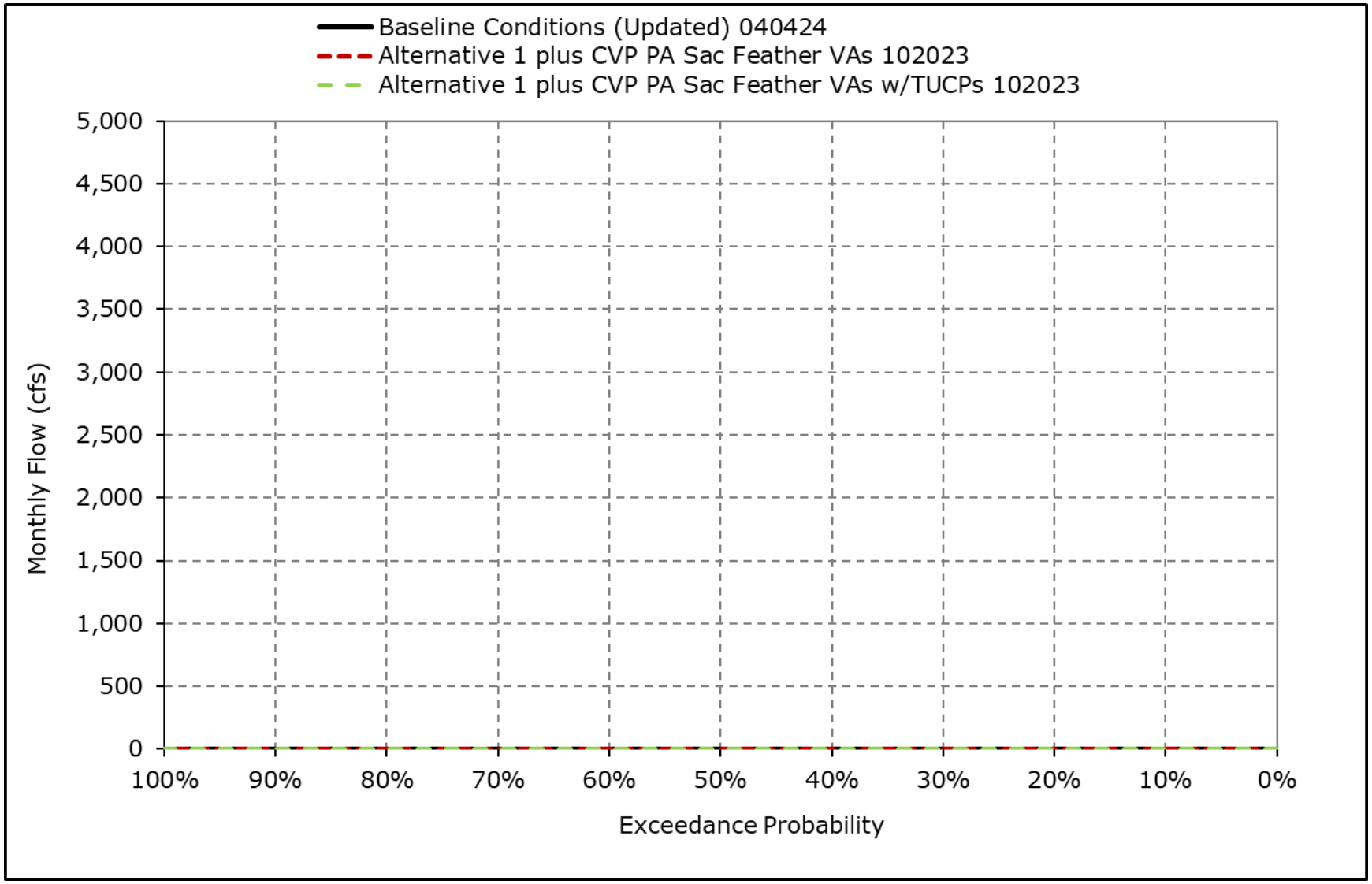
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2h. DCC Flow, November



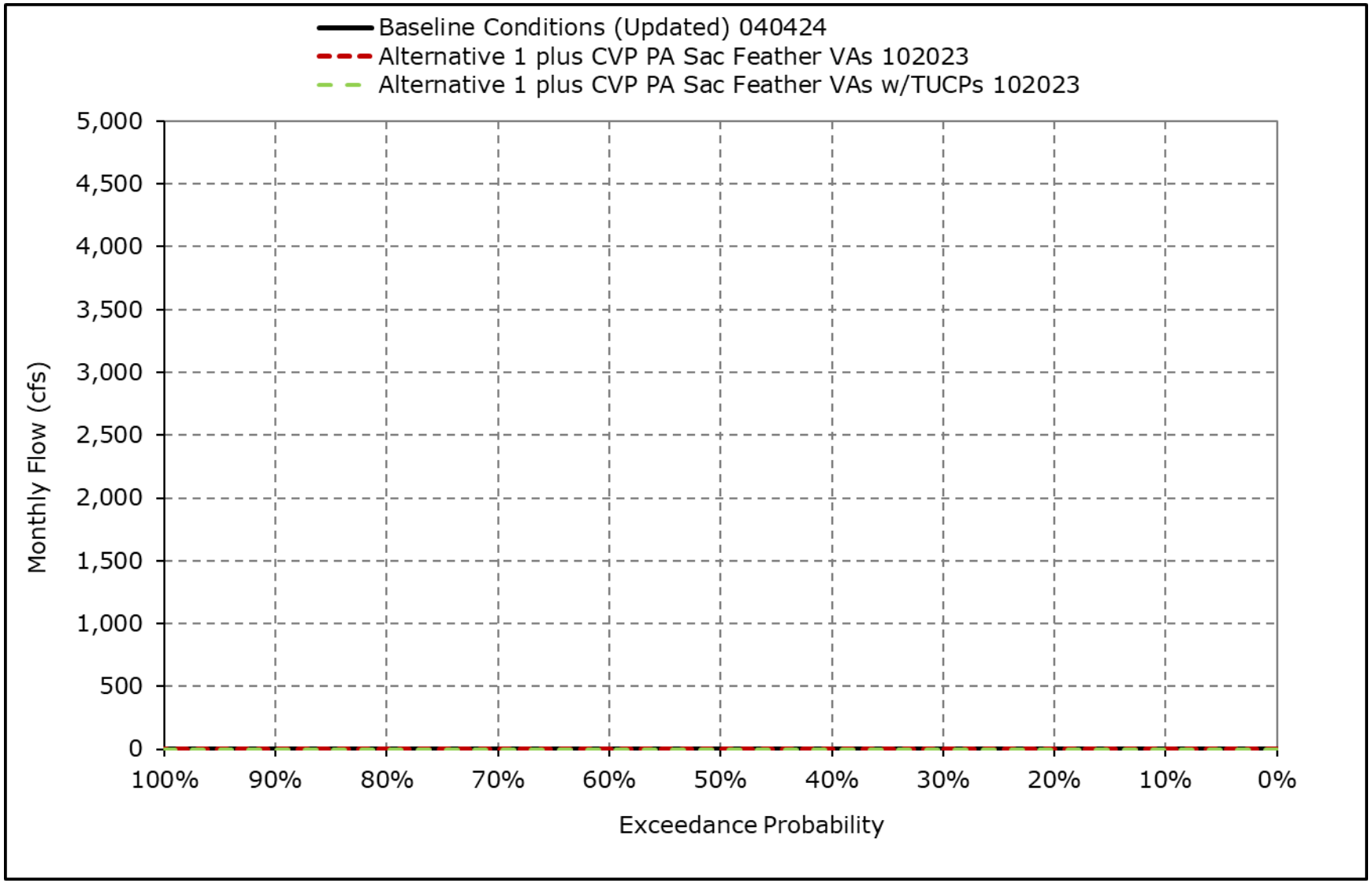
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2i. DCC Flow, December



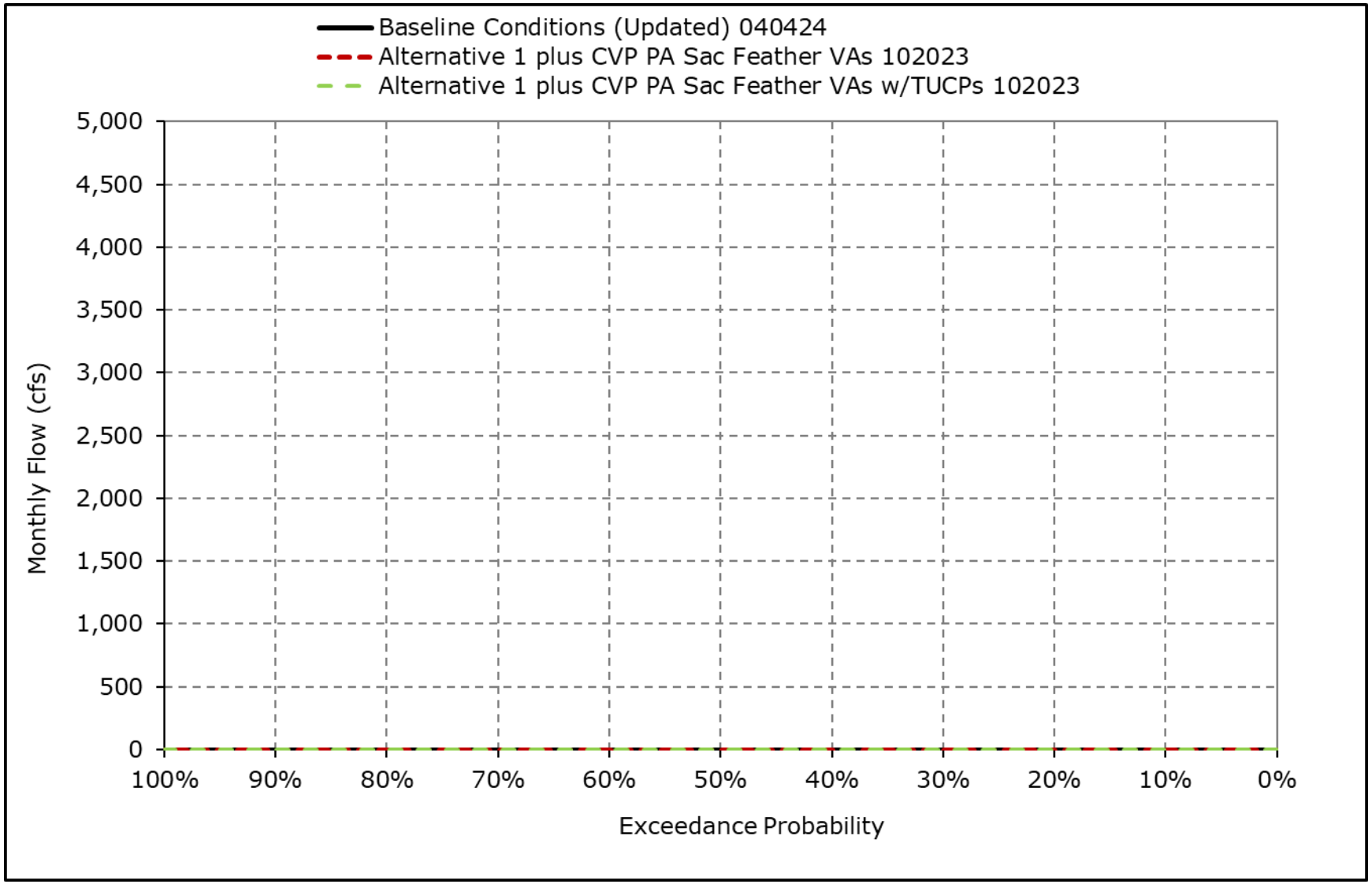
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2j. DCC Flow, January



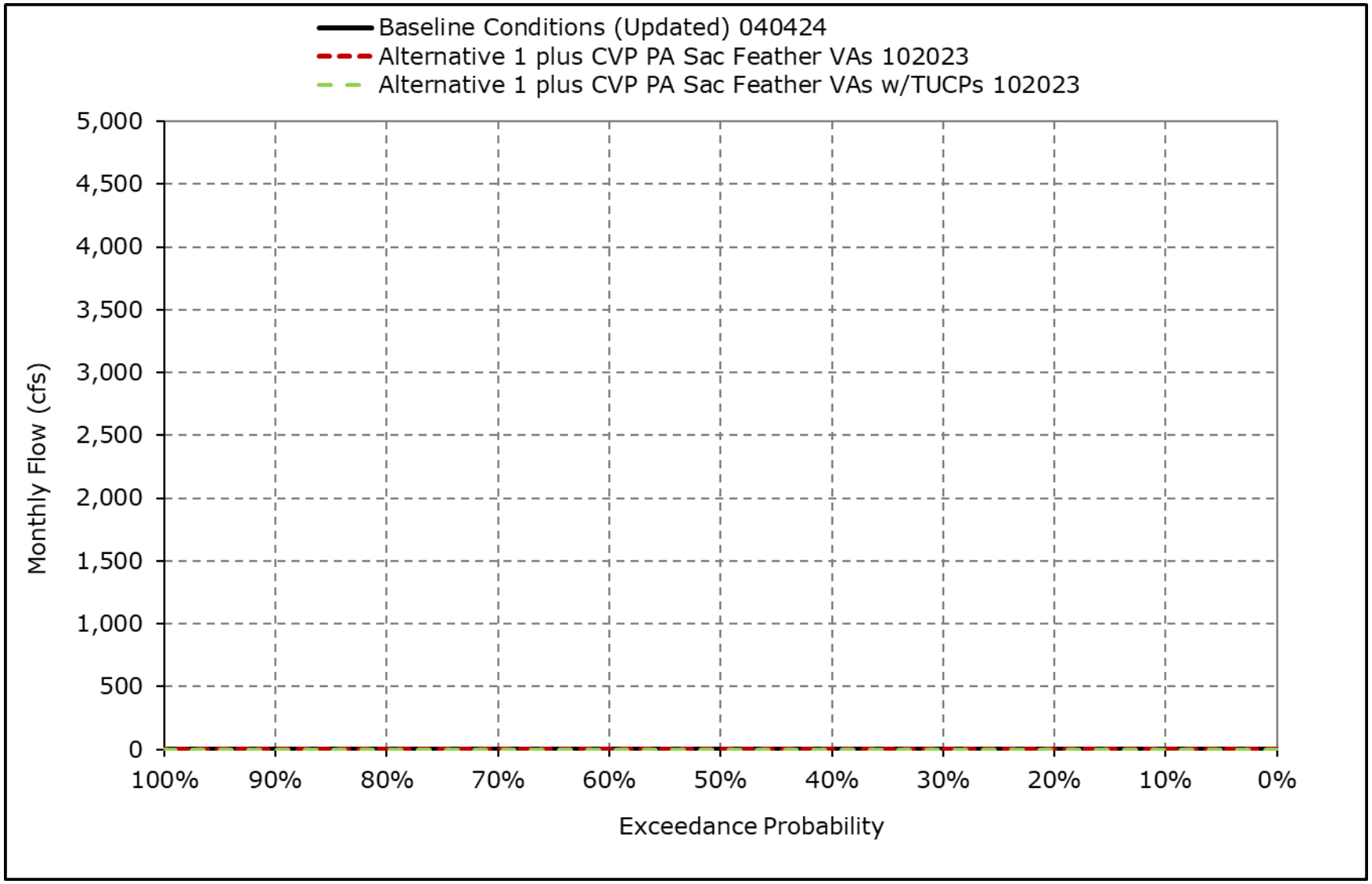
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2k. DCC Flow, February



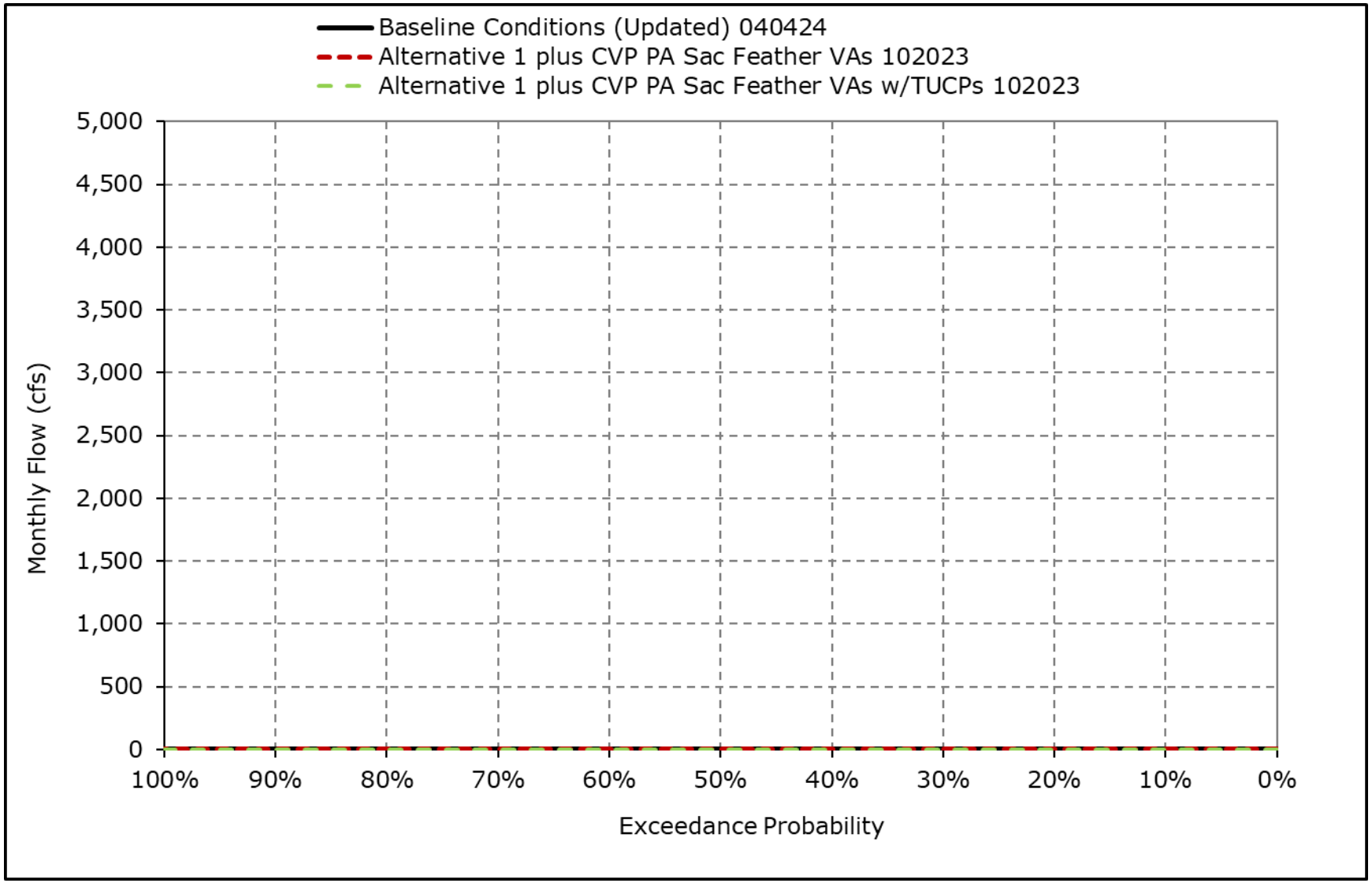
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2l. DCC Flow, March



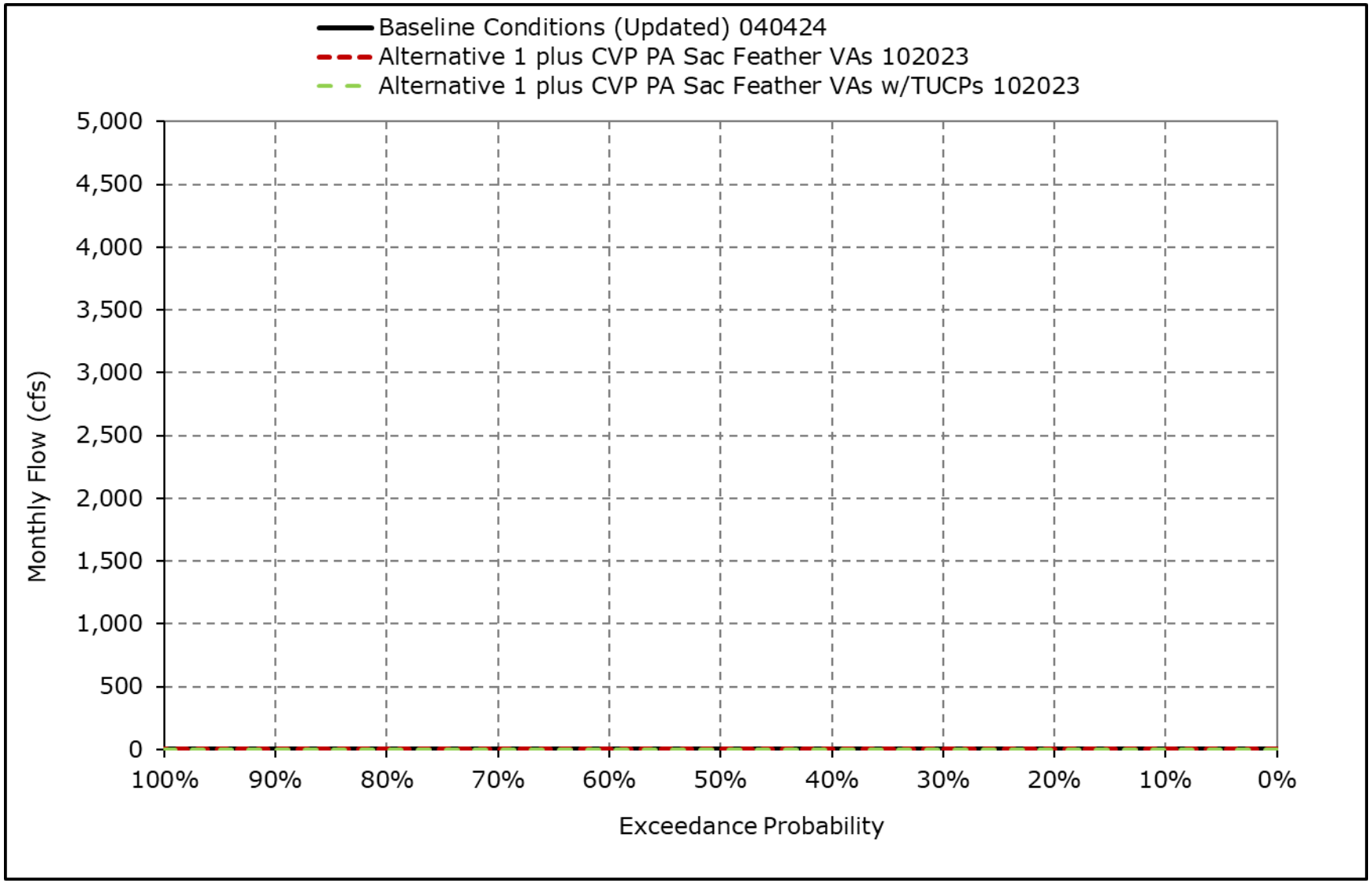
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2m. DCC Flow, April



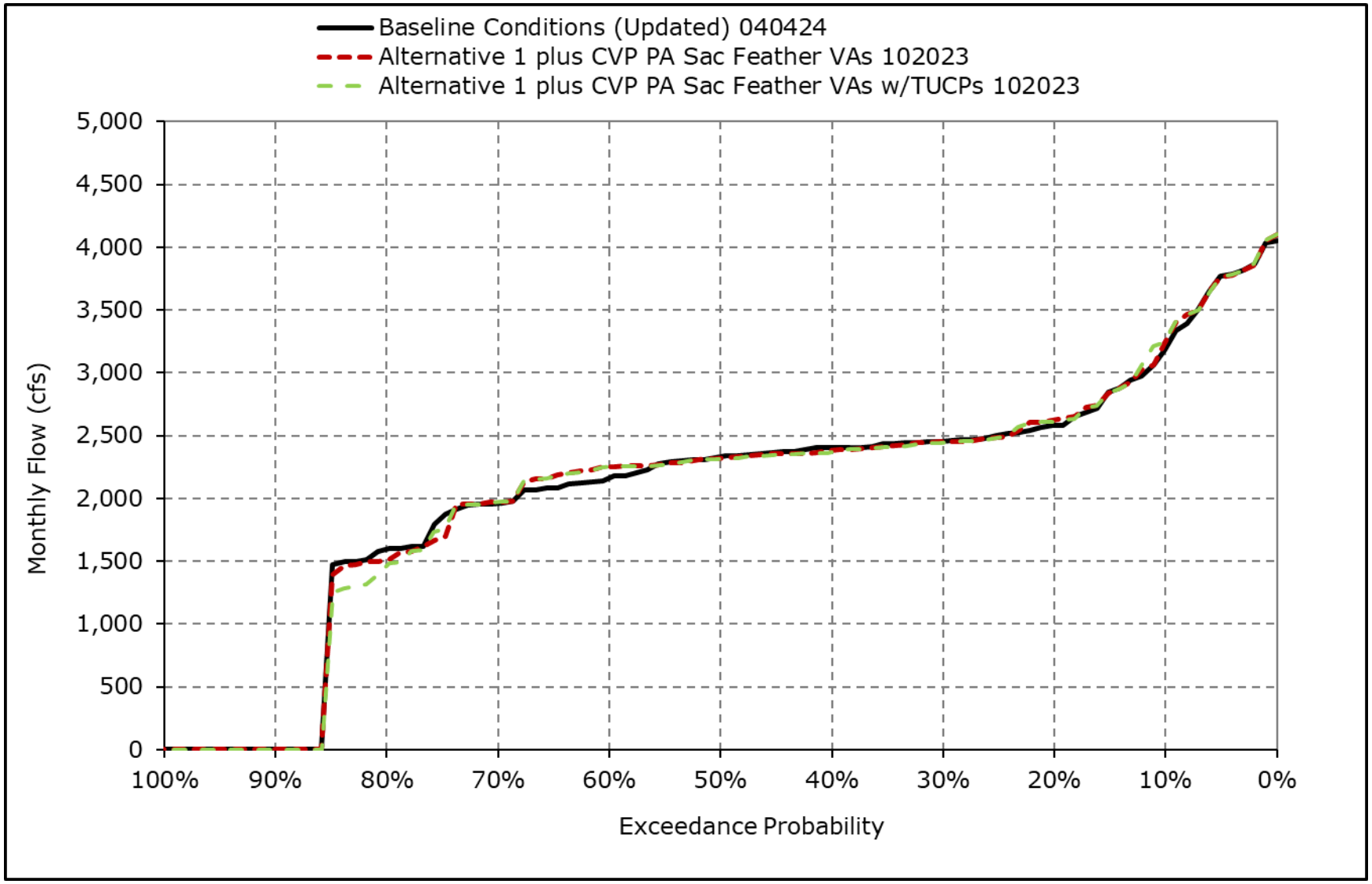
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2n. DCC Flow, May



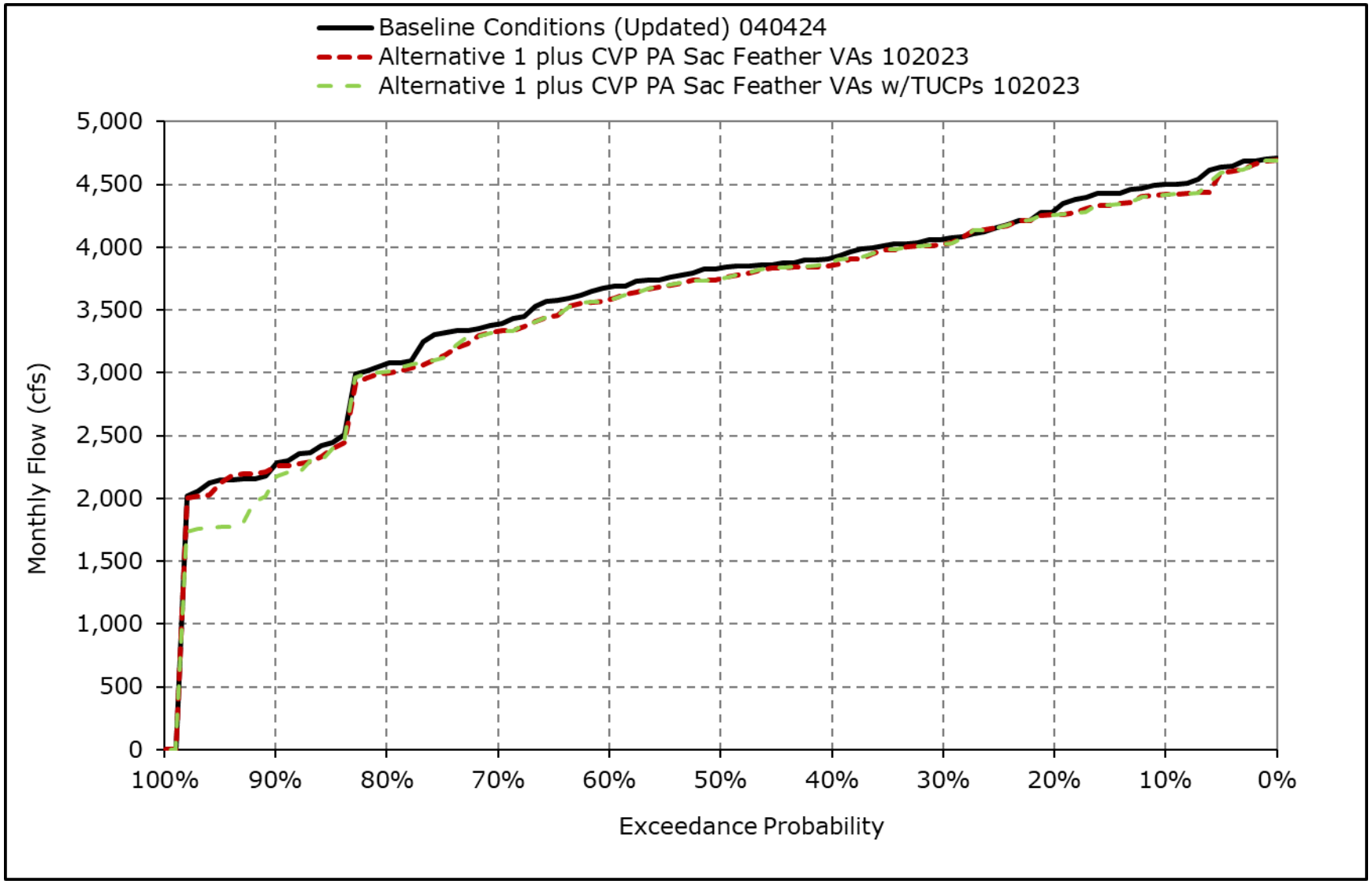
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2o. DCC Flow, June



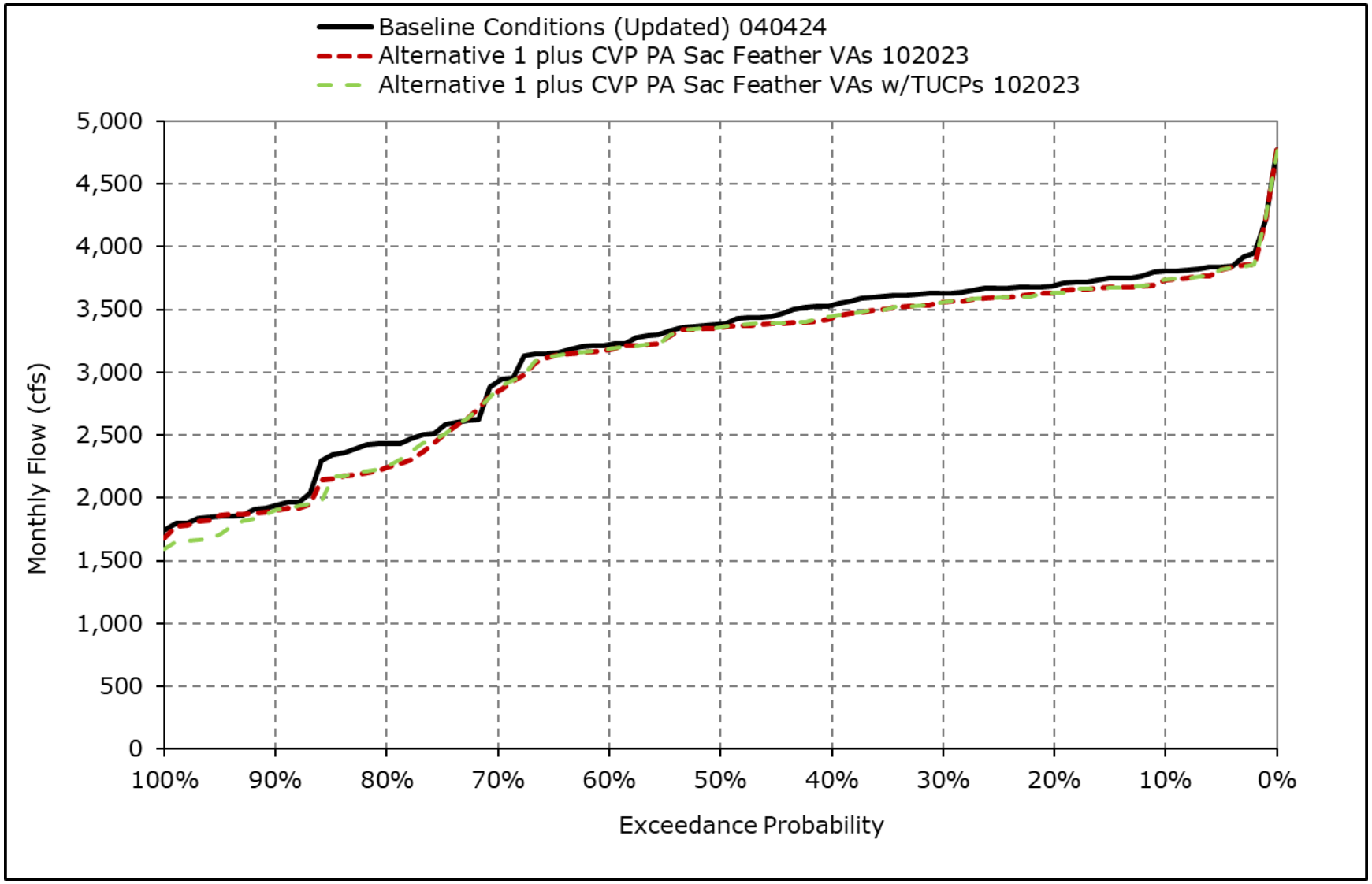
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2p. DCC Flow, July



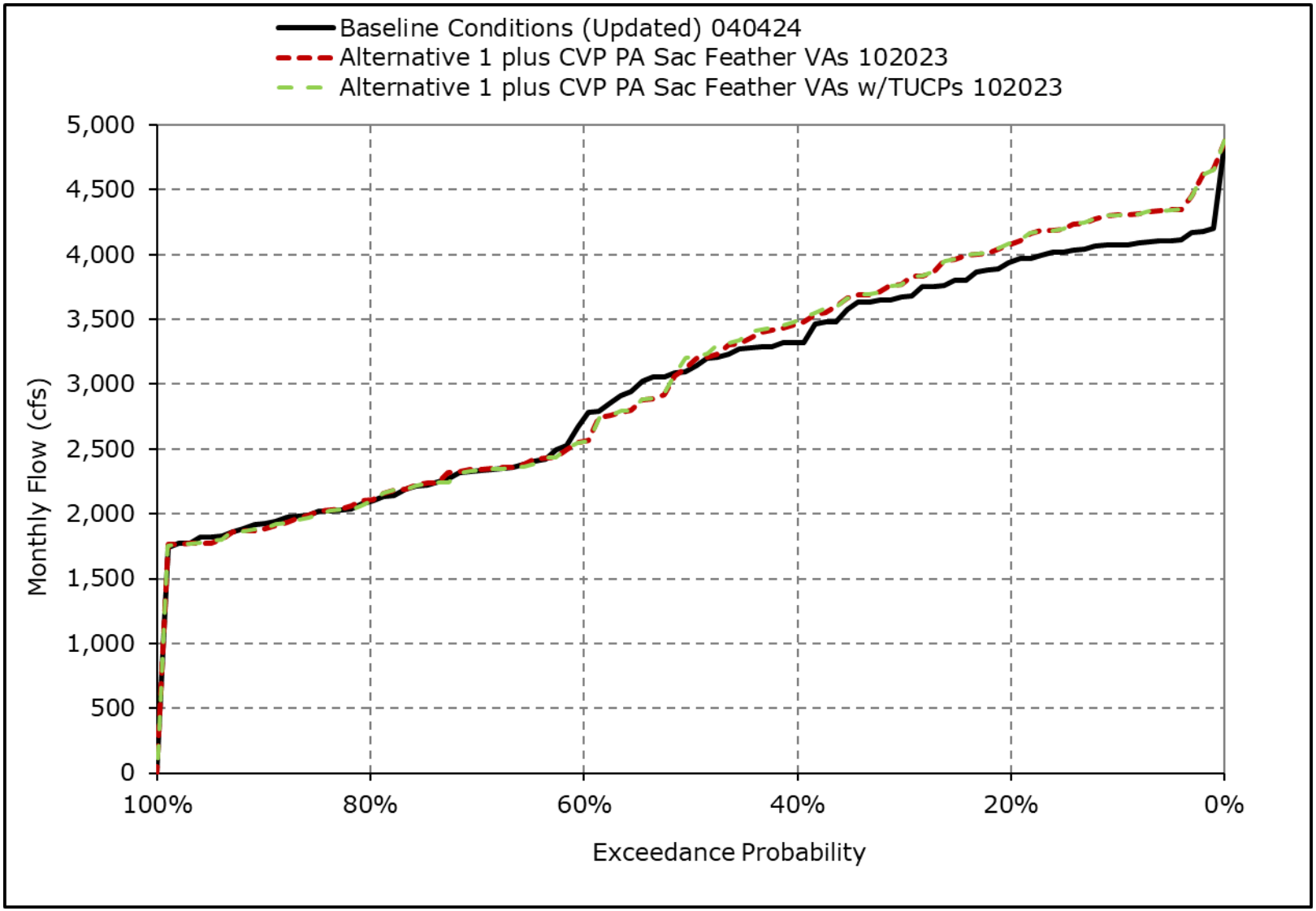
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2q. DCC Flow, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-2r. DCC Flow, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 4F-4-3-1a. Total SWP and CVP Exports, Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11,043	11,280	11,623	8,878	10,592	9,047	8,132	7,588	9,849	11,780	11,780	10,602
20% Exceedance	9,365	11,280	10,529	7,895	9,357	7,831	5,297	5,805	6,919	11,780	11,455	10,436
30% Exceedance	8,238	11,280	9,646	7,105	8,070	7,346	4,544	4,269	6,343	11,780	11,455	10,271
40% Exceedance	7,416	11,280	8,144	6,873	7,446	6,566	3,353	3,582	5,765	11,509	11,435	9,491
50% Exceedance	6,803	9,602	7,732	6,566	6,789	6,216	2,421	2,071	5,404	11,427	10,949	8,639
60% Exceedance	5,830	7,473	7,318	6,381	6,577	5,673	2,212	1,773	5,231	10,911	9,608	6,796
70% Exceedance	4,607	5,488	6,798	6,022	6,401	5,409	1,963	1,478	5,159	9,961	7,091	5,668
80% Exceedance	3,852	4,250	6,073	5,600	6,046	5,123	1,493	1,400	4,889	8,021	5,106	4,839
90% Exceedance	2,891	3,086	3,994	4,966	5,628	4,667	1,400	1,400	2,223	2,709	2,337	3,730
Full Simulation Period Average[a]	6,676	8,161	7,850	6,707	7,600	6,402	3,676	3,552	5,872	9,658	8,840	7,811
Wet Water Years (30%)	8,120	9,773	8,953	8,300	9,558	8,132	6,947	6,602	8,324	11,555	11,276	9,915
Above Normal Water Years (11%)	5,766	8,285	8,259	6,974	7,853	6,748	4,077	4,649	6,347	10,664	11,401	8,003
Below Normal Water Years (21%)	7,056	8,817	7,930	6,159	7,234	6,349	1,944	2,101	5,736	11,533	11,062	9,738
Dry Water Years (22%)	6,599	7,901	7,790	5,951	6,212	5,475	1,967	1,650	5,014	9,692	6,707	5,979
Critical Water Years (16%)	4,203	4,551	5,477	5,298	6,144	4,263	1,889	1,597	2,307	2,900	2,527	3,725

Table 4F-4-3-1b. Total SWP and CVP Exports, Alternative 1 plus CVP PA Sac Feather VAs 102023, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	10,770	11,280	11,624	8,652	10,954	8,847	7,436	9,024	9,853	11,780	11,780	11,780
20% Exceedance	8,943	11,280	10,338	7,716	8,936	7,224	5,962	7,094	6,568	11,780	11,780	11,780
30% Exceedance	8,112	11,280	9,471	6,966	7,840	6,317	4,987	6,364	5,816	11,744	11,723	11,071
40% Exceedance	7,432	11,280	8,131	6,724	7,157	5,914	4,247	5,735	5,460	11,448	11,273	9,749
50% Exceedance	6,566	9,544	7,708	6,310	6,457	5,399	3,321	4,432	4,868	11,191	10,912	8,498
60% Exceedance	5,537	7,657	7,129	5,886	6,192	5,139	3,089	4,048	4,668	10,822	9,806	6,646
70% Exceedance	5,036	5,569	6,809	5,530	5,949	4,582	2,884	3,545	4,583	9,491	7,267	5,986
80% Exceedance	3,860	4,544	6,162	5,243	5,738	3,468	2,462	2,973	4,408	6,833	4,153	5,294
90% Exceedance	2,850	3,114	4,020	4,781	5,321	2,803	1,882	2,119	2,121	2,499	2,332	3,717
Full Simulation Period Average[a]	6,560	8,253	7,852	6,498	7,401	5,613	4,217	5,200	5,484	9,424	8,760	8,167
Wet Water Years (30%)	7,996	9,952	8,883	8,137	9,651	7,695	6,432	8,006	8,058	11,583	11,599	10,985
Above Normal Water Years (11%)	5,380	8,301	8,531	6,792	7,597	5,364	3,821	5,536	5,932	10,896	11,513	8,465
Below Normal Water Years (21%)	6,926	8,852	8,122	5,931	6,972	4,717	4,004	4,894	5,313	11,249	10,768	9,532
Dry Water Years (22%)	6,551	8,060	7,717	5,690	5,801	4,741	2,758	3,359	4,527	8,924	6,300	6,126
Critical Water Years (16%)	4,209	4,515	5,281	5,079	5,808	4,253	2,624	2,640	1,892	2,654	2,294	3,690

Table 4F-4-3-1c. Total SWP and CVP Exports, Alternative 1 plus CVP PA Sac Feather VAs 102023 minus Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-273	0	1	-227	363	-200	-696	1,436	4	0	0	1,178
20% Exceedance	-422	0	-191	-179	-421	-607	665	1,289	-351	0	325	1,344
30% Exceedance	-126	0	-175	-139	-230	-1,029	443	2,095	-527	-36	268	800
40% Exceedance	16	0	-13	-148	-289	-652	895	2,153	-306	-61	-162	258
50% Exceedance	-236	-58	-23	-257	-333	-817	900	2,362	-536	-236	-37	-141
60% Exceedance	-293	184	-189	-494	-386	-534	878	2,274	-563	-89	198	-150
70% Exceedance	428	81	11	-491	-452	-827	921	2,068	-576	-469	177	317
80% Exceedance	8	294	88	-357	-308	-1,655	970	1,573	-481	-1,188	-952	455
90% Exceedance	-42	28	26	-184	-307	-1,864	482	719	-102	-210	-5	-13
Full Simulation Period Average[a]	-117	92	2	-209	-199	-789	542	1,648	-388	-234	-79	356
Wet Water Years (30%)	-124	179	-70	-163	93	-437	-515	1,404	-266	28	323	1,071
Above Normal Water Years (11%)	-386	16	272	-183	-256	-1,384	-256	887	-415	232	112	462
Below Normal Water Years (21%)	-130	35	193	-228	-262	-1,632	2,060	2,793	-423	-283	-294	-205
Dry Water Years (22%)	-47	159	-72	-261	-411	-734	791	1,710	-487	-768	-408	147
Critical Water Years (16%)	6	-36	-196	-219	-336	-10	735	1,043	-415	-246	-233	-35

[a] Based on the 100-year simulation period.

* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* Water Year Types results are displayed with water year - year type sorting.

Table 4F-4-3-2a. Total SWP and CVP Exports, Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11,043	11,280	11,623	8,878	10,592	9,047	8,132	7,588	9,849	11,780	11,780	10,602
20% Exceedance	9,365	11,280	10,529	7,895	9,357	7,831	5,297	5,805	6,919	11,780	11,455	10,436
30% Exceedance	8,238	11,280	9,646	7,105	8,070	7,346	4,544	4,269	6,343	11,780	11,455	10,271
40% Exceedance	7,416	11,280	8,144	6,873	7,446	6,566	3,353	3,582	5,765	11,509	11,435	9,491
50% Exceedance	6,803	9,602	7,732	6,566	6,789	6,216	2,421	2,071	5,404	11,427	10,949	8,639
60% Exceedance	5,830	7,473	7,318	6,381	6,577	5,673	2,212	1,773	5,231	10,911	9,608	6,796
70% Exceedance	4,607	5,488	6,798	6,022	6,401	5,409	1,963	1,478	5,159	9,961	7,091	5,668
80% Exceedance	3,852	4,250	6,073	5,600	6,046	5,123	1,493	1,400	4,889	8,021	5,106	4,839
90% Exceedance	2,891	3,086	3,994	4,966	5,628	4,667	1,400	1,400	2,223	2,709	2,337	3,730
Full Simulation Period Average[a]	6,676	8,161	7,850	6,707	7,600	6,402	3,676	3,552	5,872	9,658	8,840	7,811
Wet Water Years (30%)	8,120	9,773	8,953	8,300	9,558	8,132	6,947	6,602	8,324	11,555	11,276	9,915
Above Normal Water Years (11%)	5,766	8,285	8,259	6,974	7,853	6,748	4,077	4,649	6,347	10,664	11,401	8,003
Below Normal Water Years (21%)	7,056	8,817	7,930	6,159	7,234	6,349	1,944	2,101	5,736	11,533	11,062	9,738
Dry Water Years (22%)	6,599	7,901	7,790	5,951	6,212	5,475	1,967	1,650	5,014	9,692	6,707	5,979
Critical Water Years (16%)	4,203	4,551	5,477	5,298	6,144	4,263	1,889	1,597	2,307	2,900	2,527	3,725

Table 4F-4-3-2b. Total SWP and CVP Exports, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	10,761	11,280	11,624	8,680	10,958	8,846	7,528	9,024	9,852	11,780	11,780	11,780
20% Exceedance	9,117	11,280	10,340	7,712	8,935	7,217	5,961	7,093	6,533	11,780	11,780	11,780
30% Exceedance	8,197	11,280	9,468	6,965	7,840	6,316	4,985	6,304	5,815	11,748	11,734	11,180
40% Exceedance	7,574	11,280	8,132	6,725	7,155	5,914	4,332	5,658	5,458	11,449	11,362	9,963
50% Exceedance	6,694	9,638	7,711	6,326	6,456	5,399	3,364	4,431	4,895	11,191	10,912	8,508
60% Exceedance	5,655	7,704	7,116	5,886	6,193	5,138	3,090	4,045	4,677	10,852	9,798	6,595
70% Exceedance	5,173	5,990	6,767	5,530	5,948	4,713	2,943	3,546	4,594	9,481	7,363	5,966
80% Exceedance	3,931	4,502	6,091	5,242	5,739	3,491	2,178	2,971	4,433	6,942	4,451	5,239
90% Exceedance	2,932	3,239	4,167	4,902	5,321	2,927	1,638	2,098	1,930	2,277	2,136	3,481
Full Simulation Period Average[a]	6,687	8,317	7,863	6,501	7,401	5,630	4,187	5,190	5,489	9,385	8,724	8,139
Wet Water Years (30%)	8,018	9,962	8,874	8,140	9,653	7,685	6,432	8,013	8,057	11,584	11,601	10,990
Above Normal Water Years (11%)	5,406	8,335	8,812	6,790	7,594	5,363	3,924	5,518	5,910	10,941	11,515	8,469
Below Normal Water Years (21%)	7,082	8,949	8,113	5,932	6,972	4,716	4,039	4,859	5,312	11,267	10,807	9,630
Dry Water Years (22%)	6,556	8,077	7,749	5,675	5,801	4,740	2,757	3,358	4,527	8,970	6,344	6,148
Critical Water Years (16%)	4,737	4,720	5,144	5,114	5,809	4,384	2,322	2,623	1,939	2,291	1,949	3,348

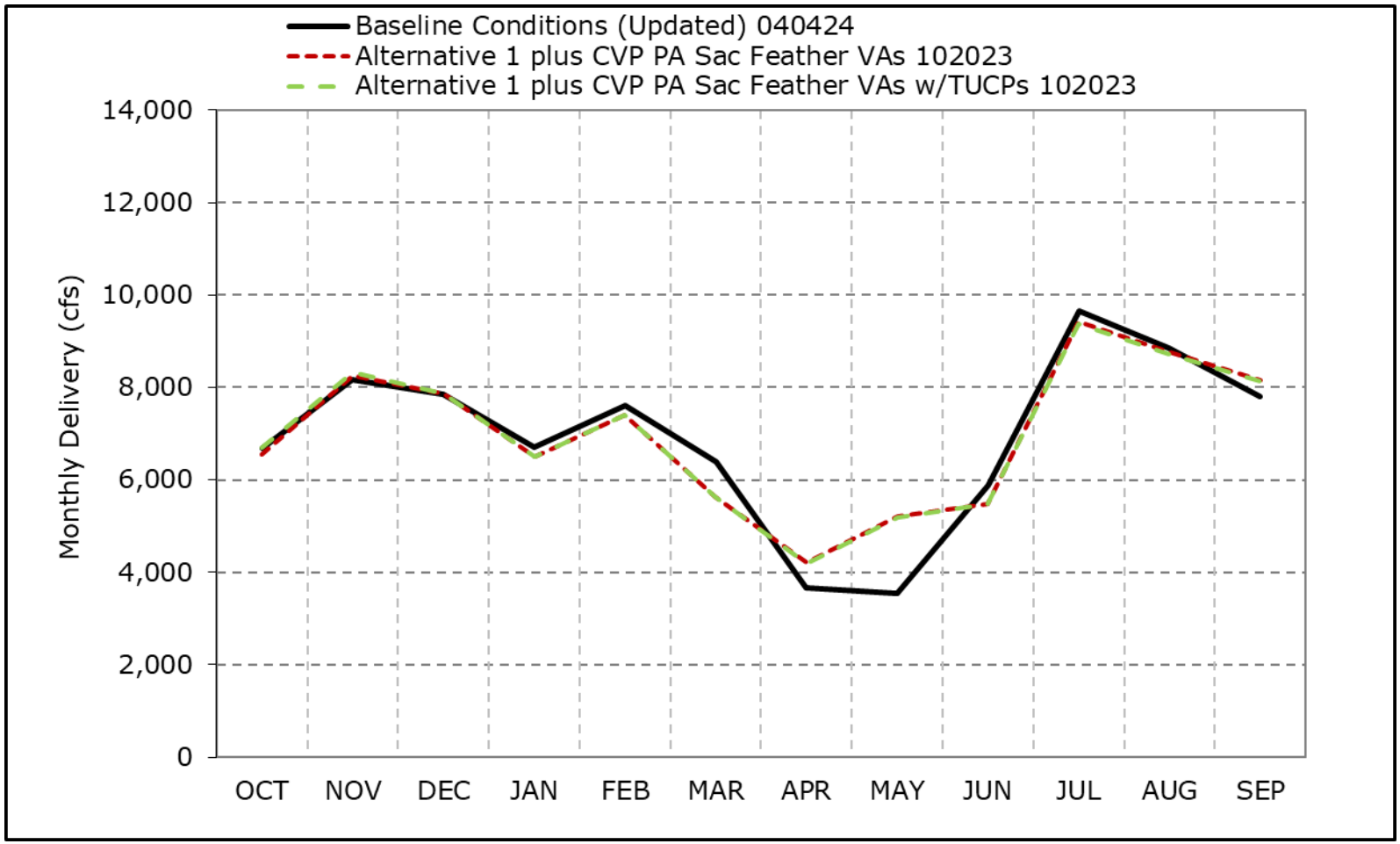
Table 4F-4-3-2c. Total SWP and CVP Exports, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023 minus Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-282	0	1	-198	366	-200	-604	1,436	4	0	0	1,178
20% Exceedance	-248	0	-189	-183	-422	-614	664	1,288	-386	0	325	1,344
30% Exceedance	-42	0	-178	-140	-230	-1,031	441	2,035	-528	-32	279	909
40% Exceedance	158	0	-12	-148	-290	-652	980	2,075	-307	-60	-73	473
50% Exceedance	-109	36	-21	-241	-334	-817	944	2,360	-509	-236	-37	-132
60% Exceedance	-175	231	-202	-494	-385	-535	878	2,272	-554	-59	190	-201
70% Exceedance	565	501	-32	-491	-453	-695	980	2,068	-565	-480	272	297
80% Exceedance	79	252	18	-358	-307	-1,632	686	1,571	-455	-1,079	-655	401
90% Exceedance	41	153	173	-63	-306	-1,740	238	698	-293	-432	-201	-249
Full Simulation Period Average[a]	11	156	13	-206	-199	-772	512	1,638	-383	-273	-116	328
Wet Water Years (30%)	-103	189	-79	-160	95	-447	-515	1,411	-267	29	325	1,075
Above Normal Water Years (11%)	-360	50	553	-185	-260	-1,385	-152	869	-438	277	114	466
Below Normal Water Years (21%)	27	132	183	-227	-262	-1,633	2,095	2,758	-424	-266	-255	-108
Dry Water Years (22%)	-43	176	-41	-276	-411	-735	790	1,708	-487	-722	-363	169
Critical Water Years (16%)	534	169	-333	-183	-335	121	432	1,026	-367	-608	-577	-378

[a] Based on the 100-year simulation period.

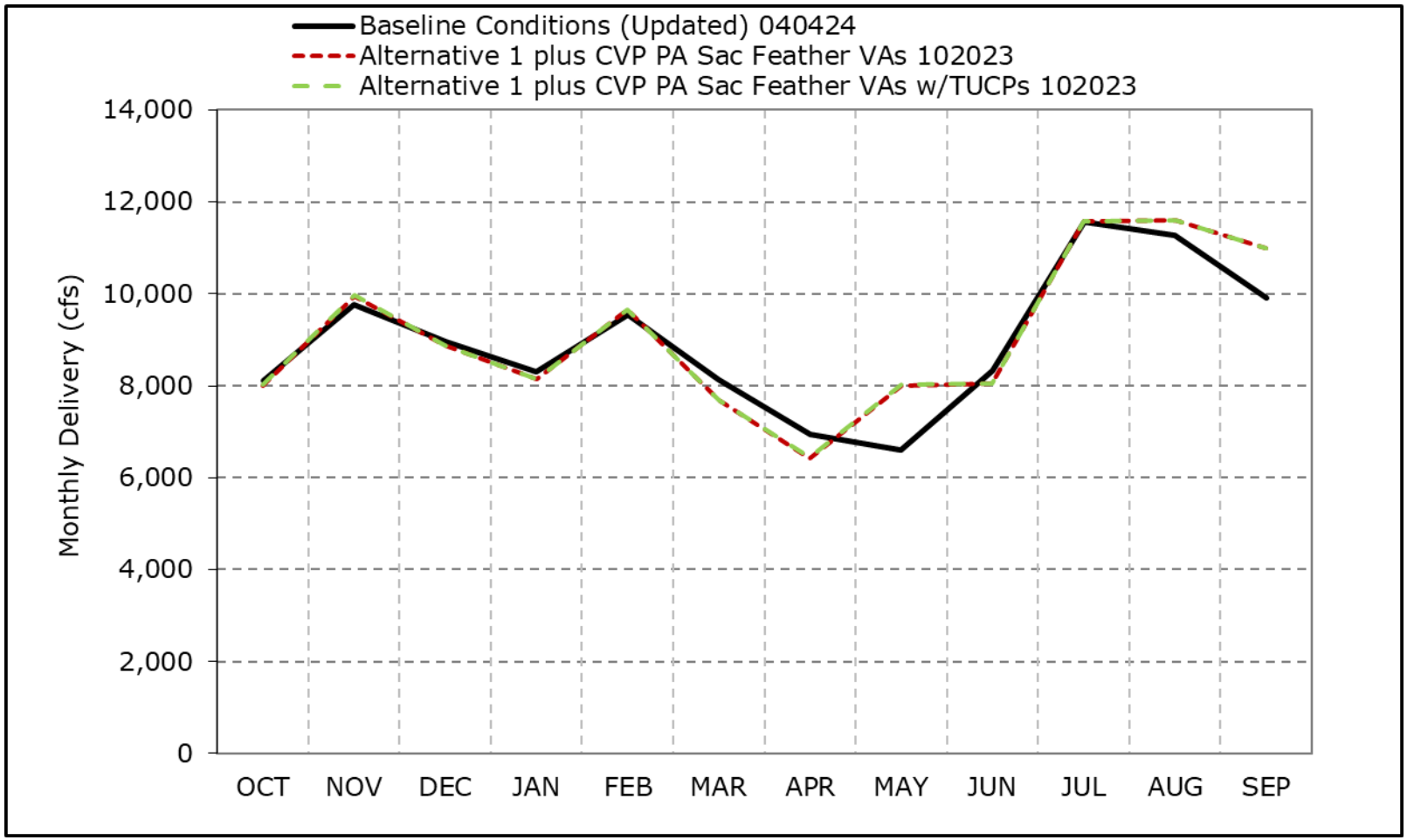
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* Water Year Types results are displayed with water year - year type sorting.

Figure 4F-4-3a. Total SWP and CVP Exports, Long-Term Average Delivery



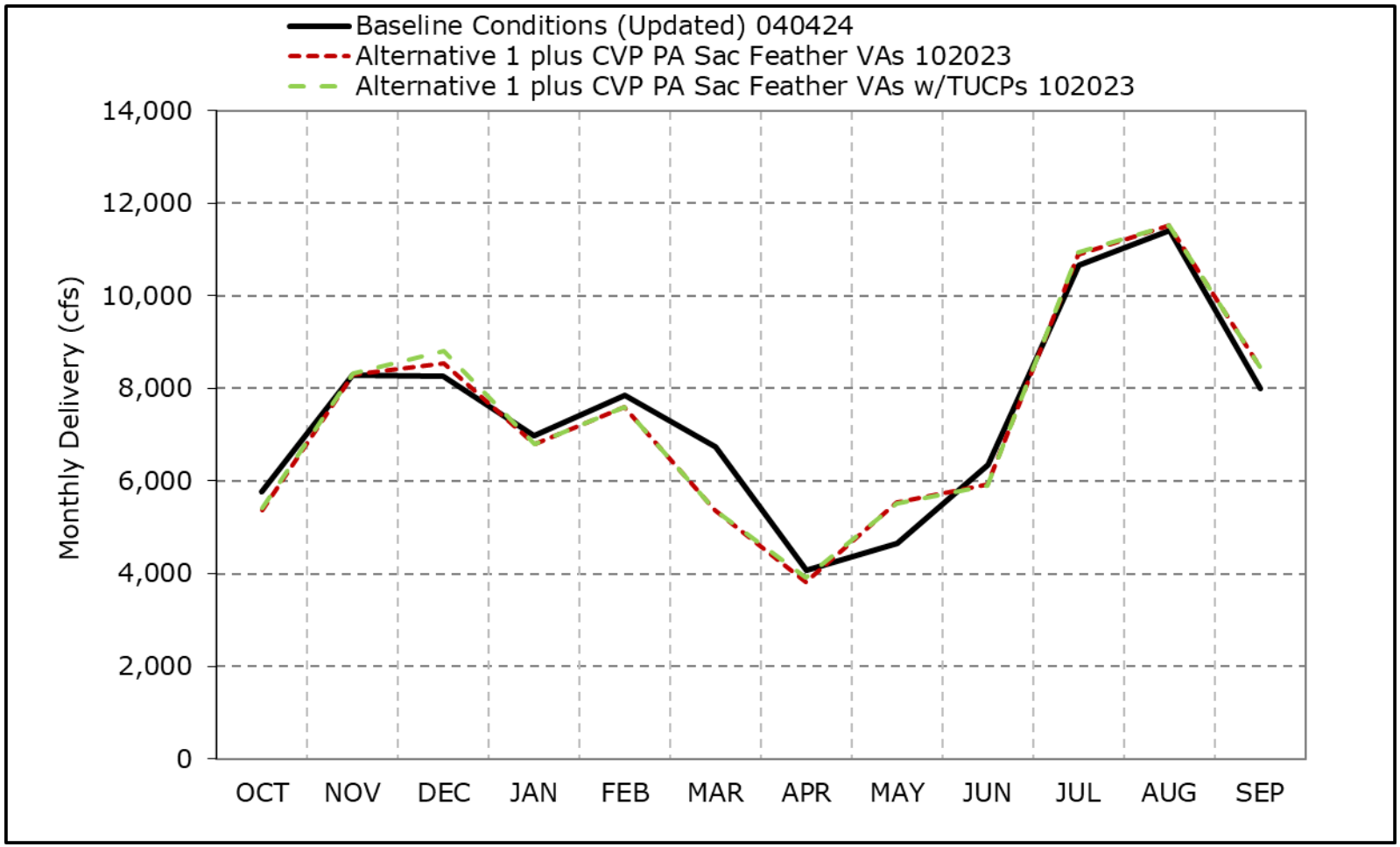
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3b. Total SWP and CVP Exports, Wet Year Average Delivery



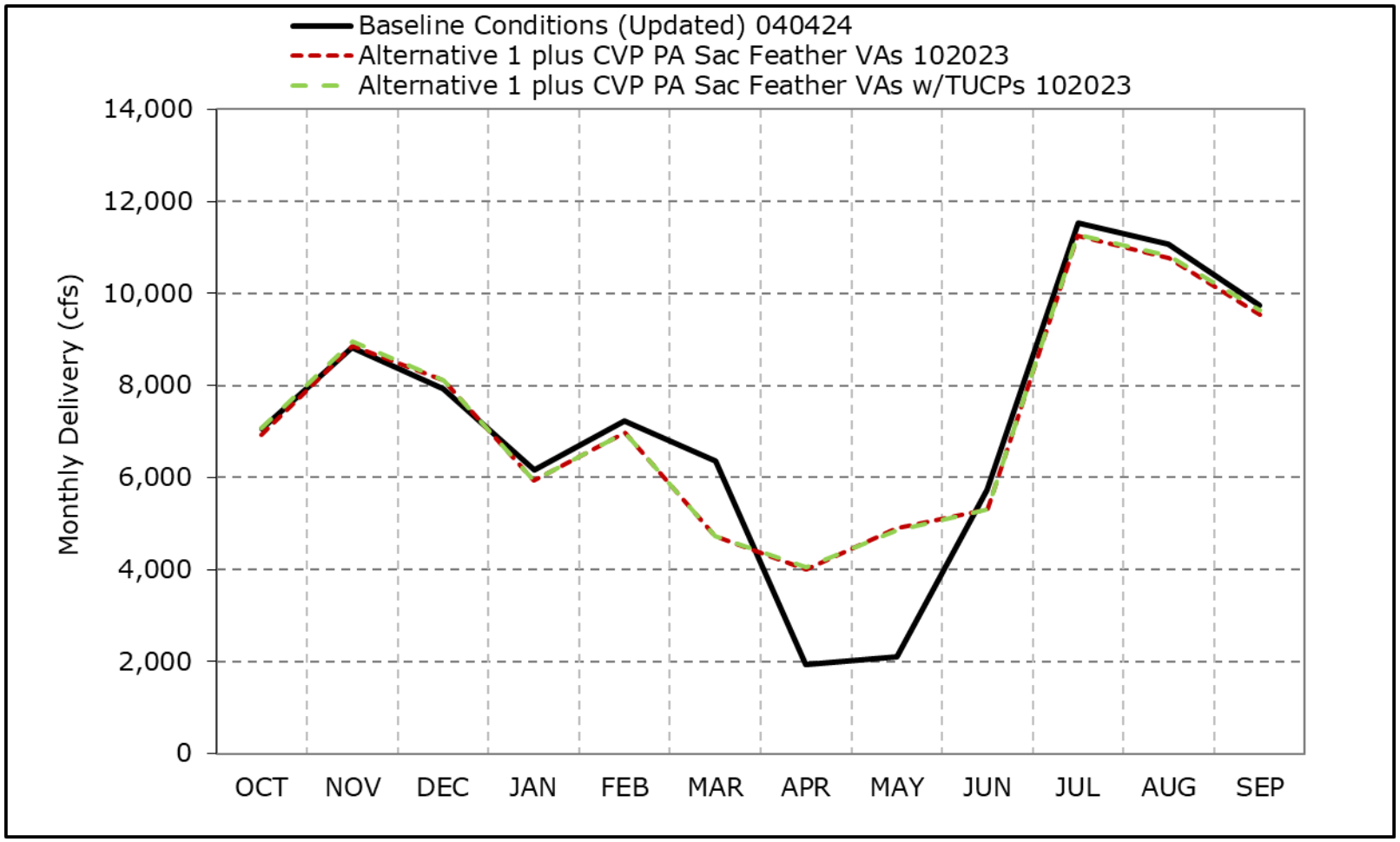
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3c. Total SWP and CVP Exports, Above Normal Year Average Delivery



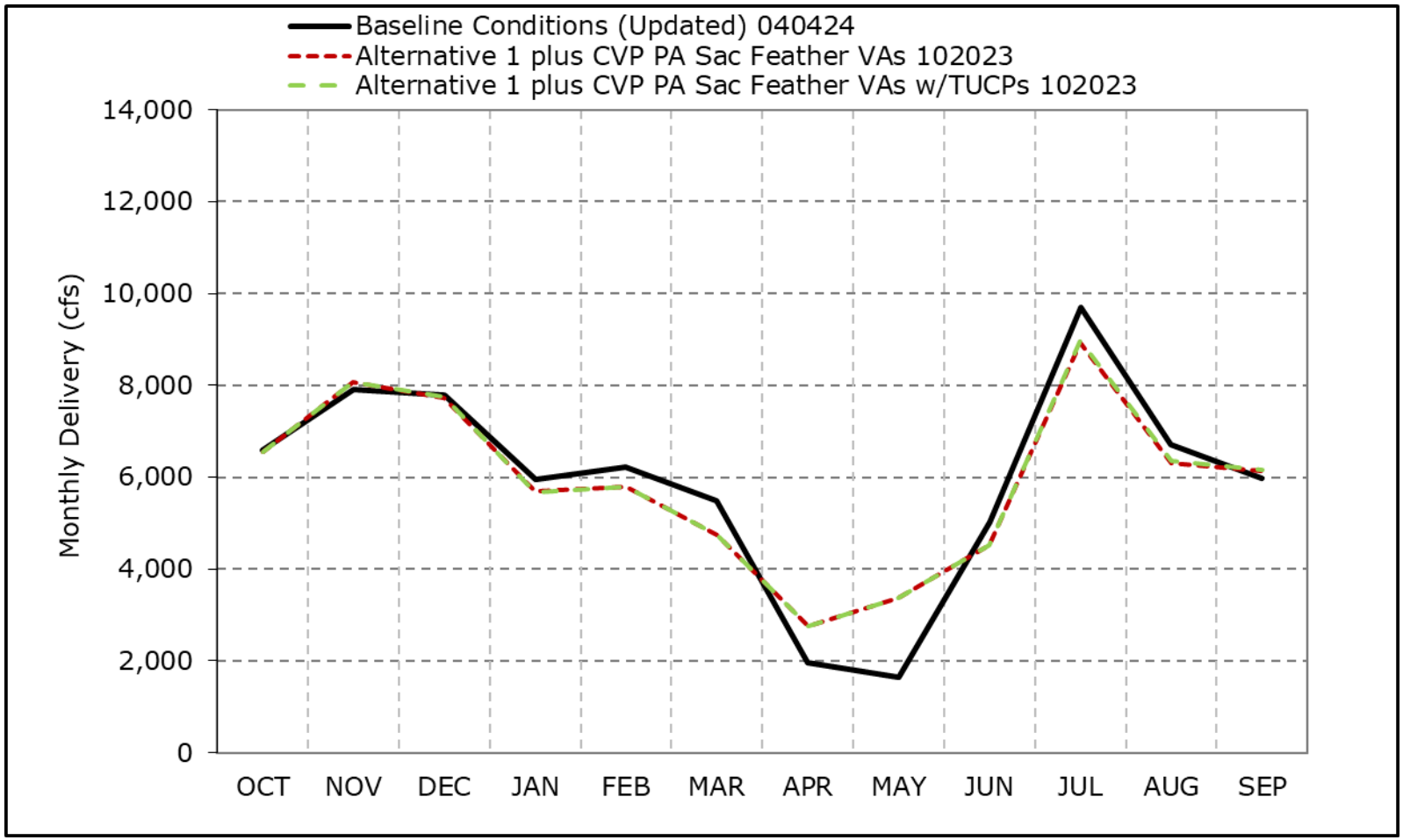
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3d. Total SWP and CVP Exports, Below Normal Year Average Delivery



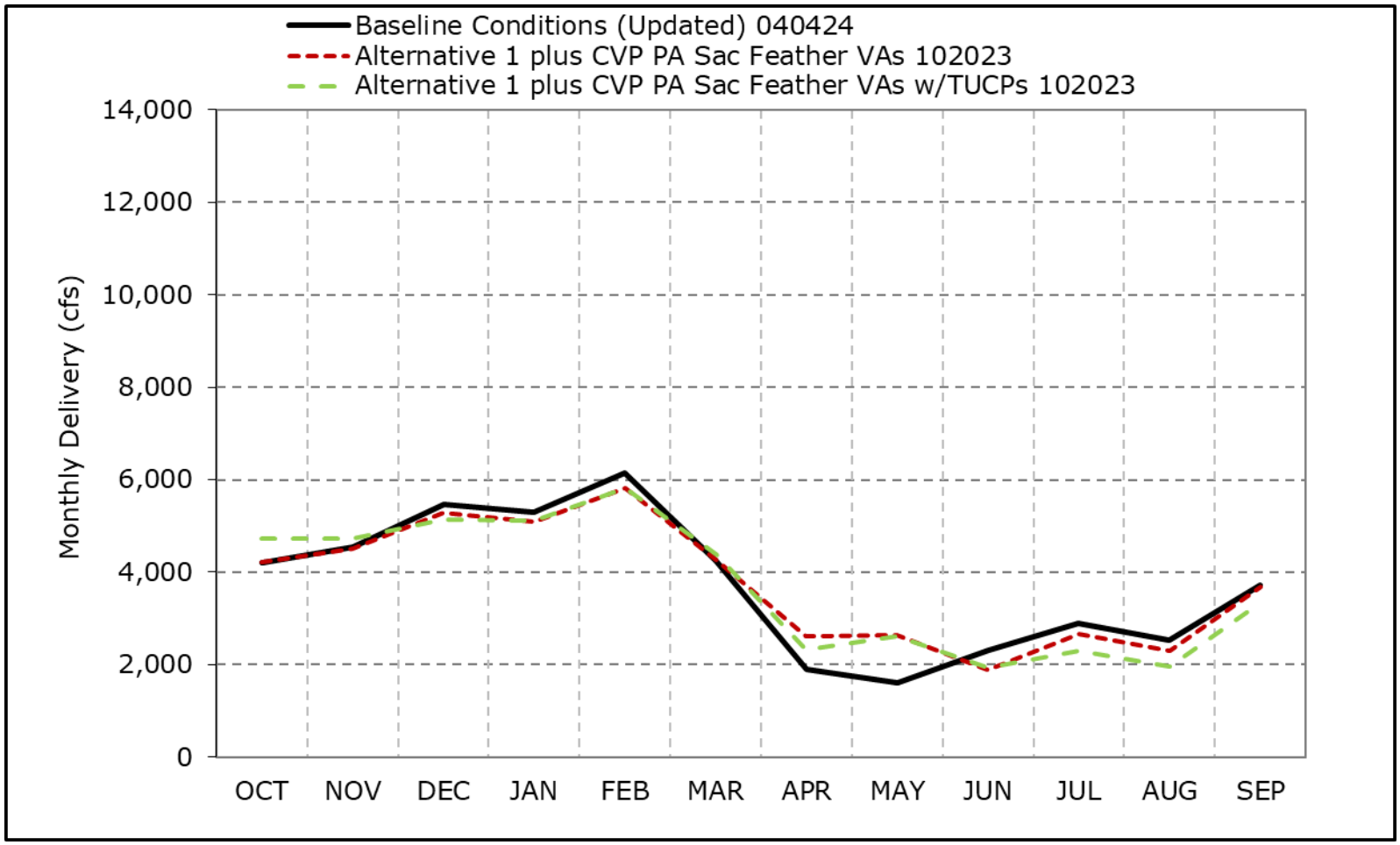
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3e. Total SWP and CVP Exports, Dry Year Average Delivery



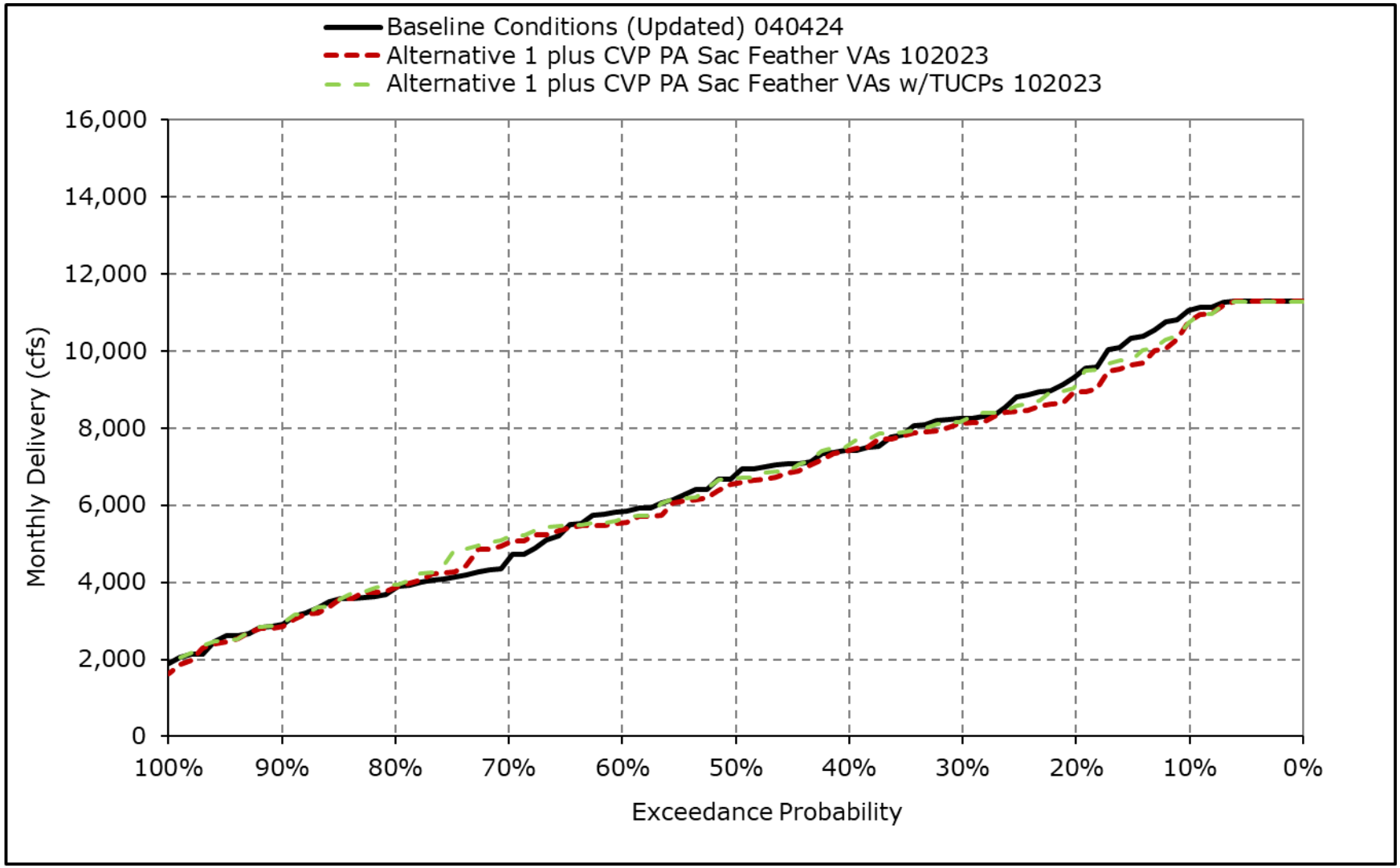
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3f. Total SWP and CVP Exports, Critical Year Average Delivery



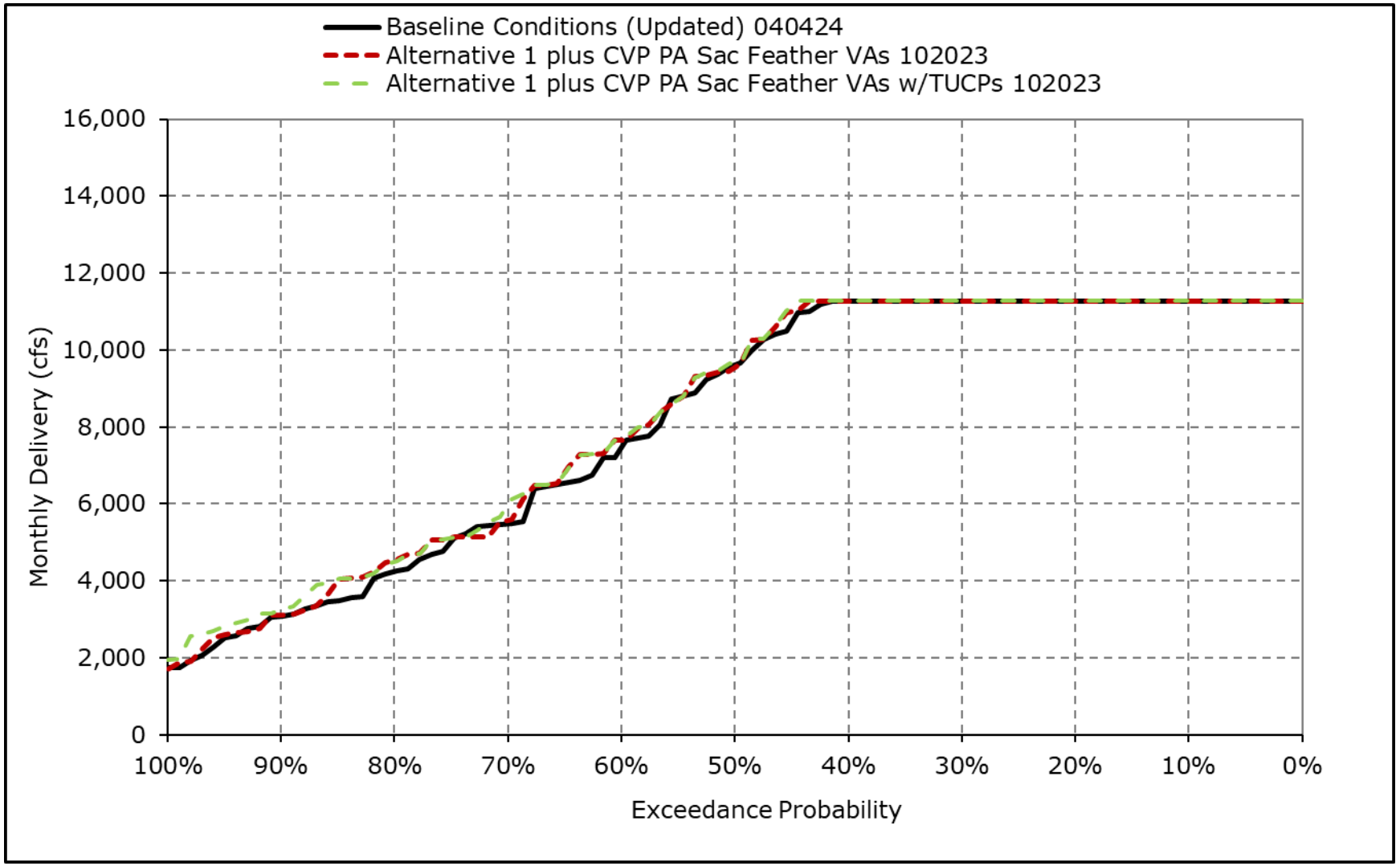
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3g. Total SWP and CVP Exports, October



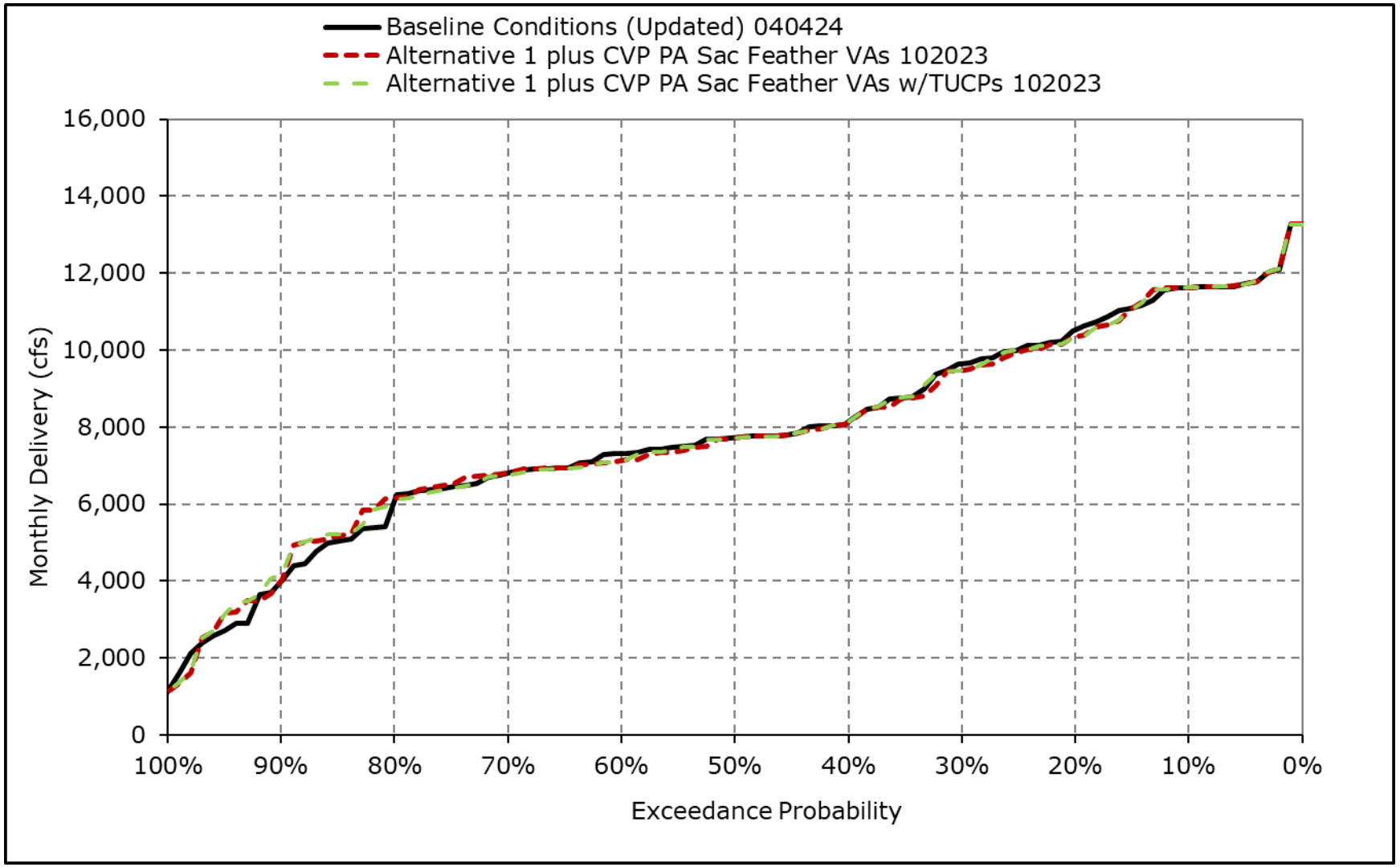
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3h. Total SWP and CVP Exports, November



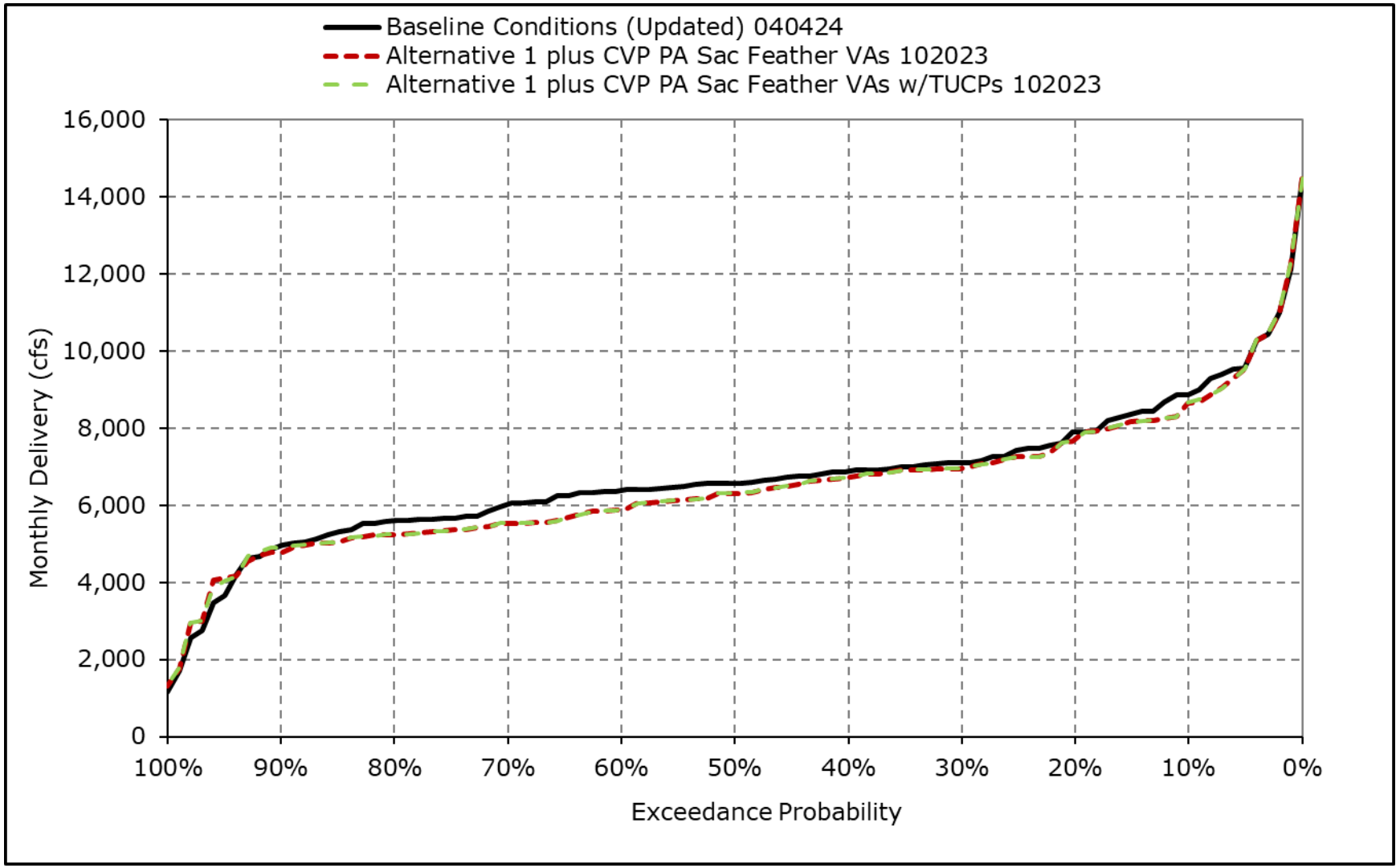
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3i. Total SWP and CVP Exports, December



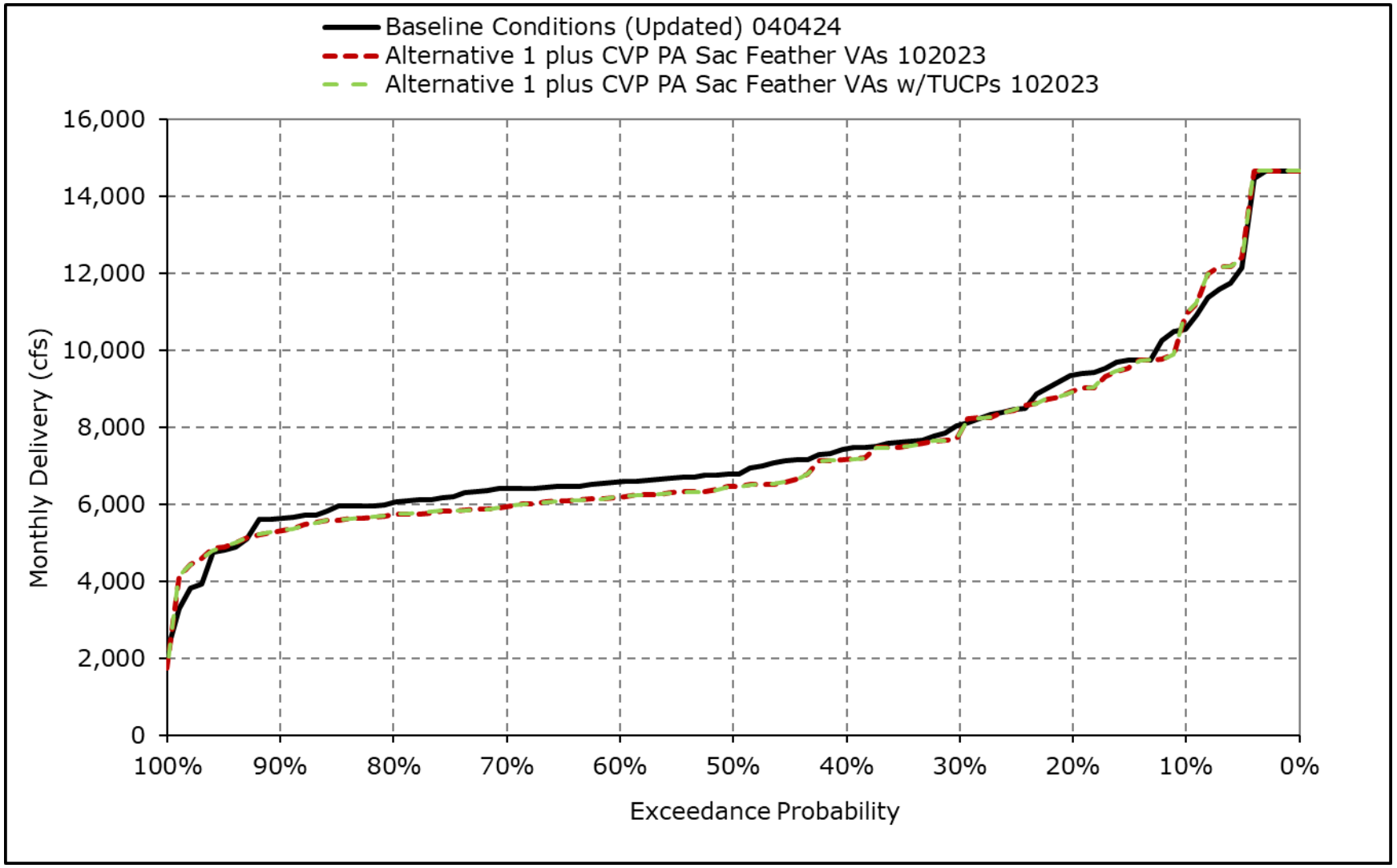
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3j. Total SWP and CVP Exports, January



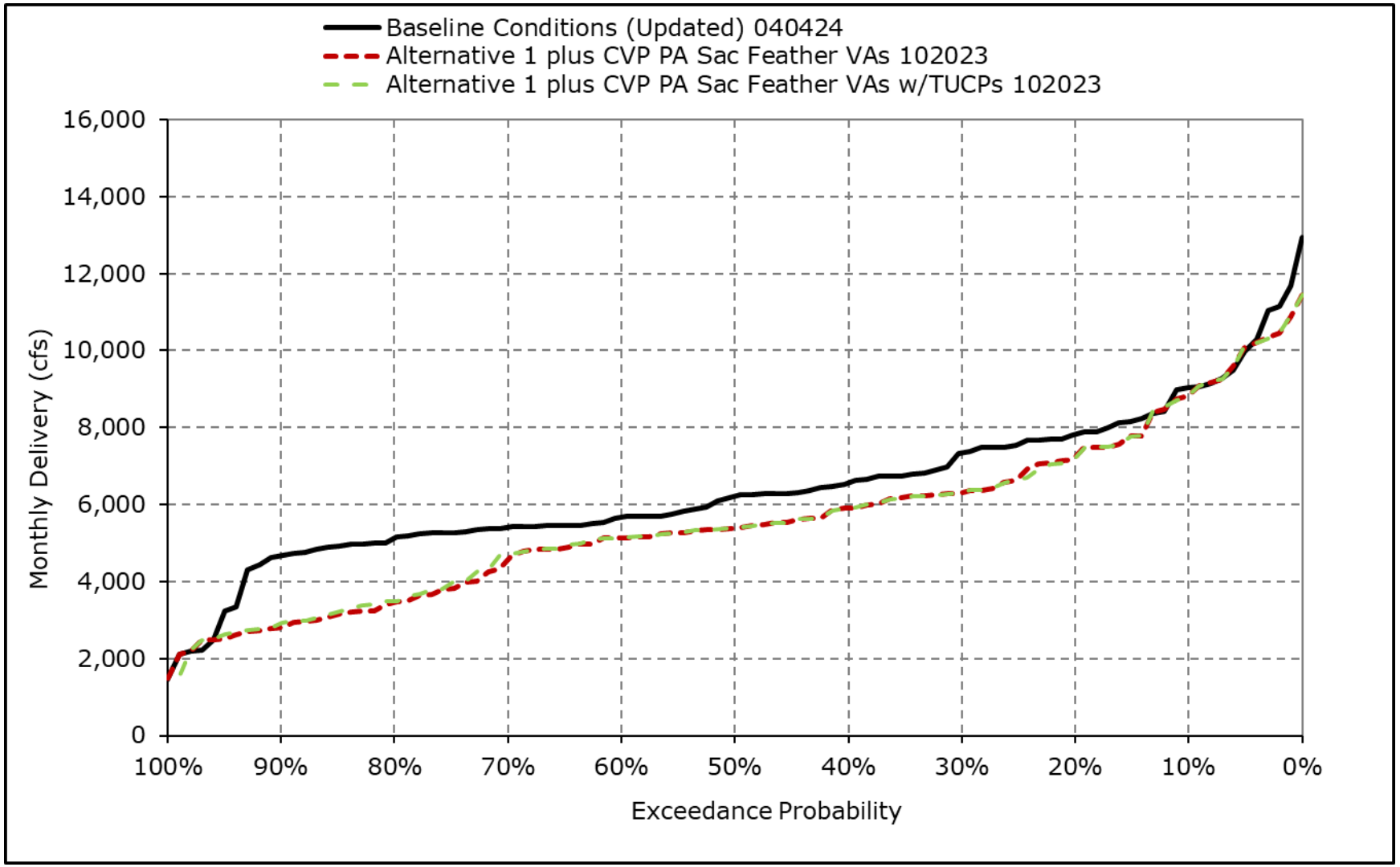
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3k. Total SWP and CVP Exports, February



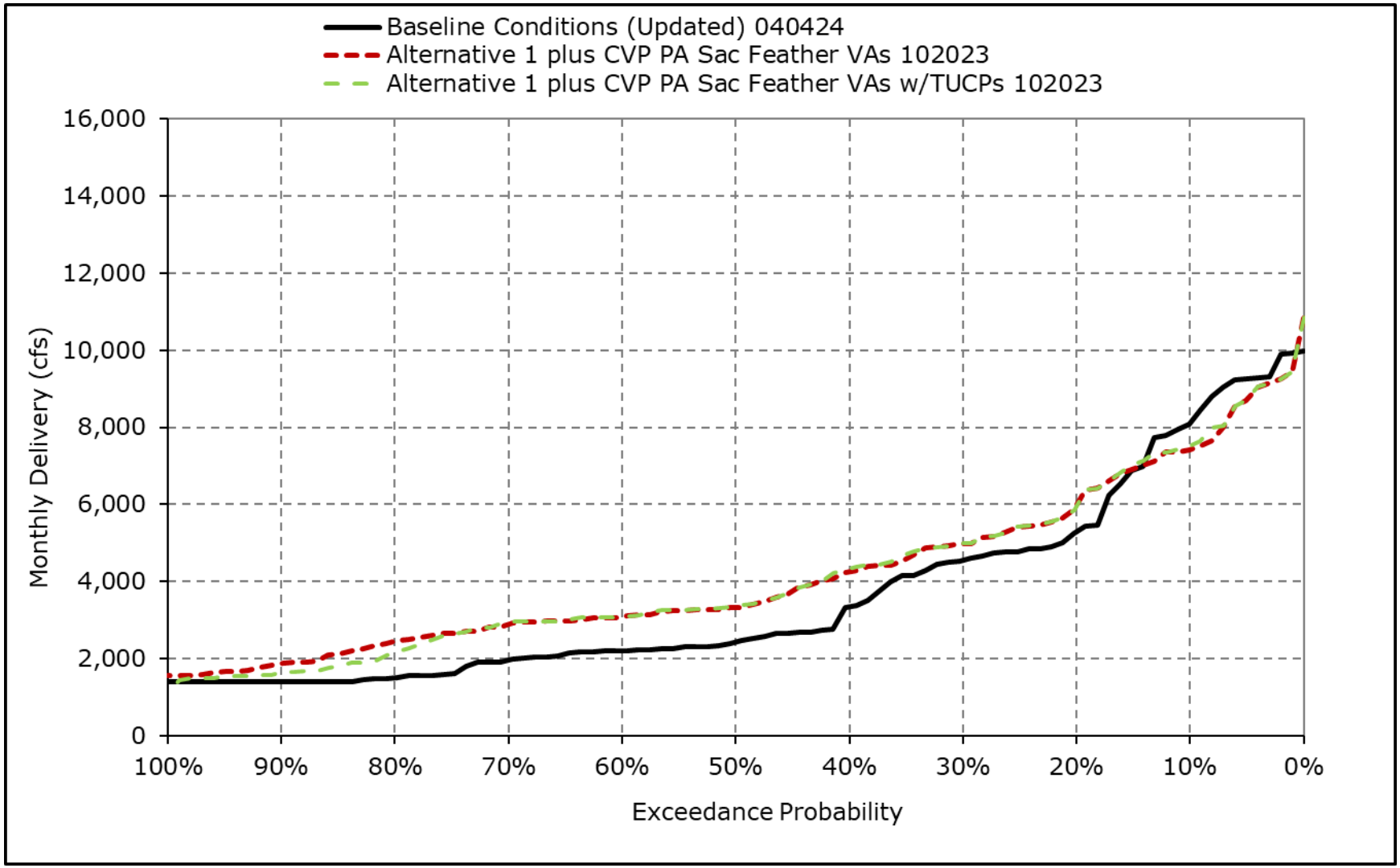
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3l. Total SWP and CVP Exports, March



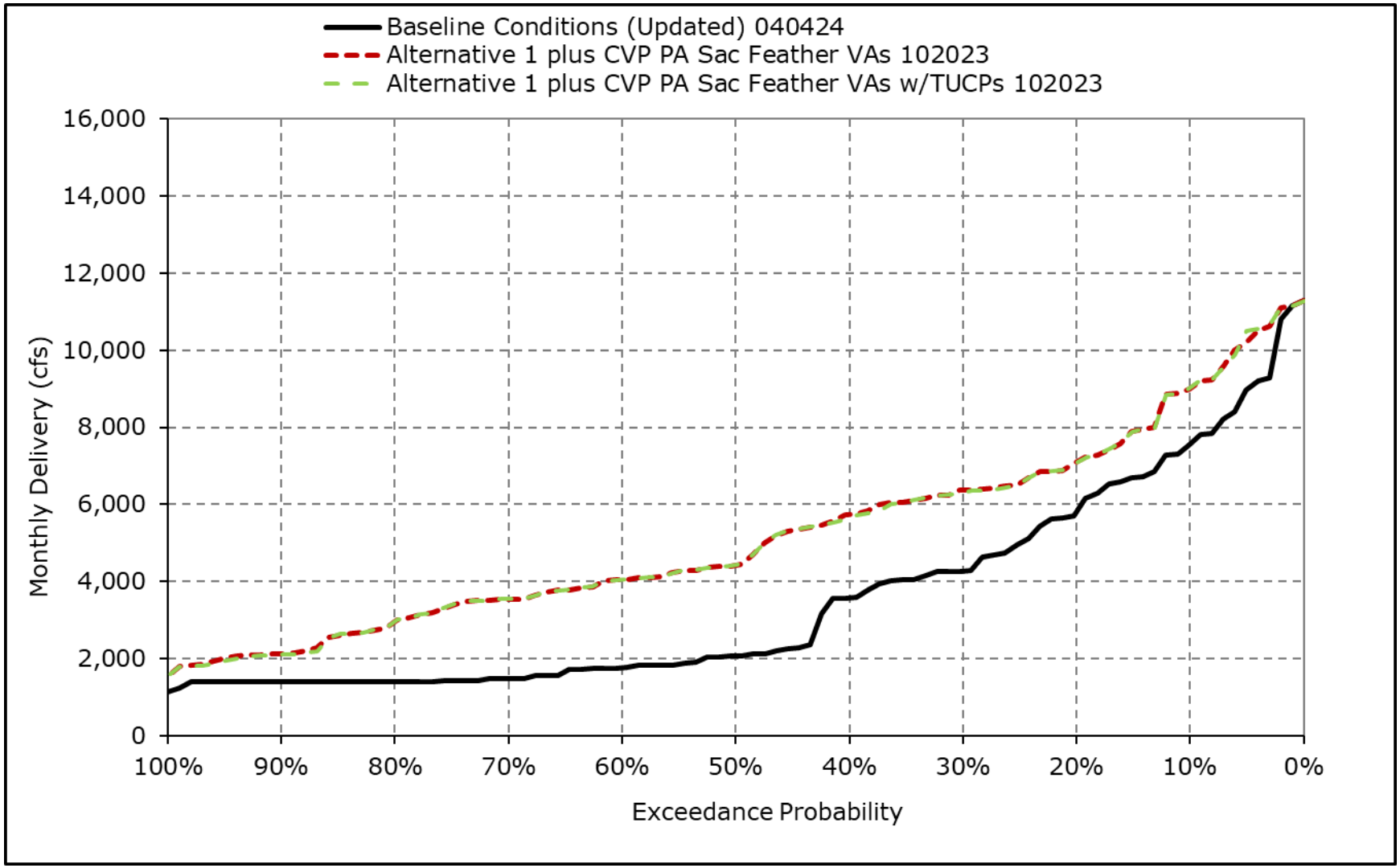
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3m. Total SWP and CVP Exports, April



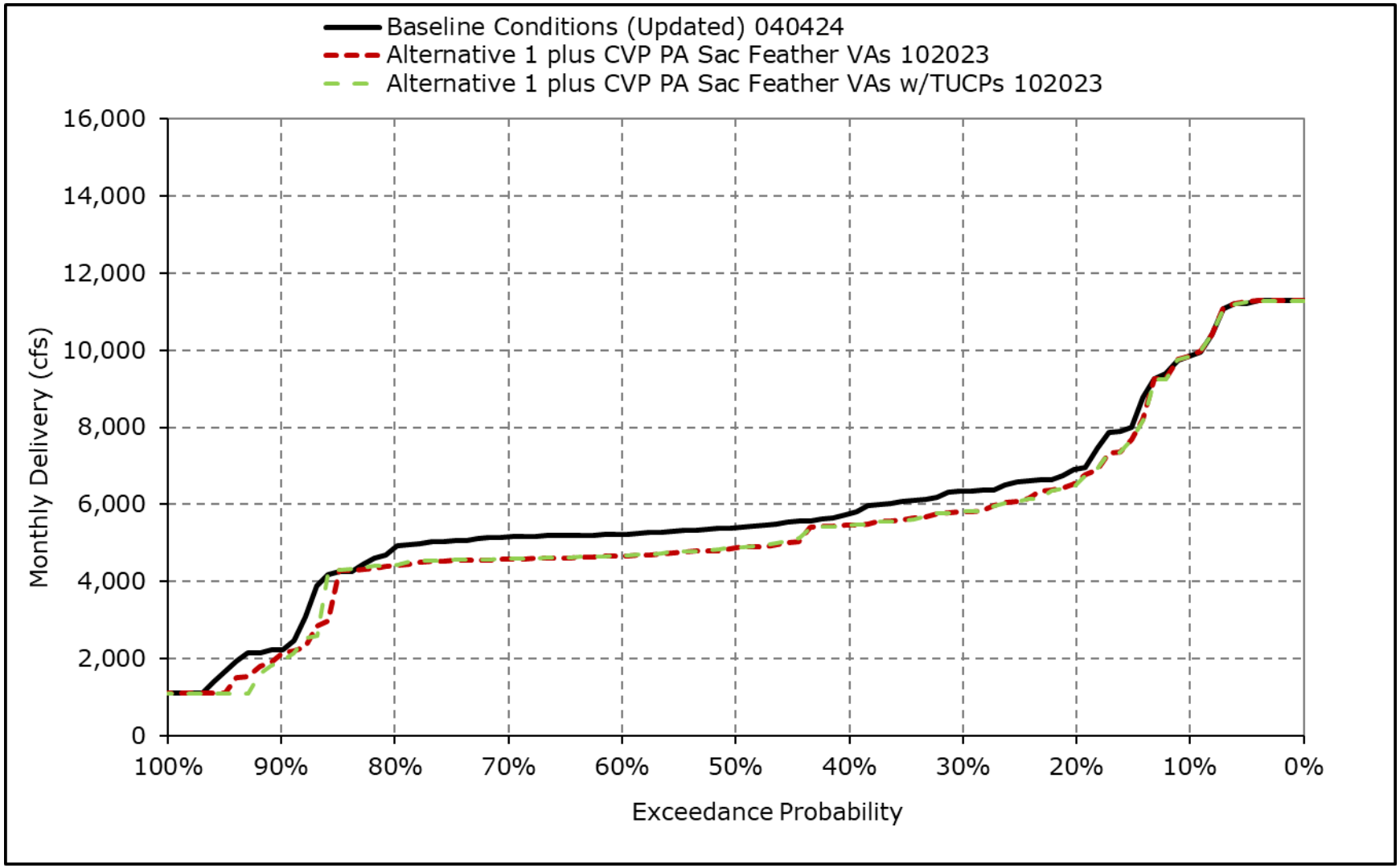
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3n. Total SWP and CVP Exports, May



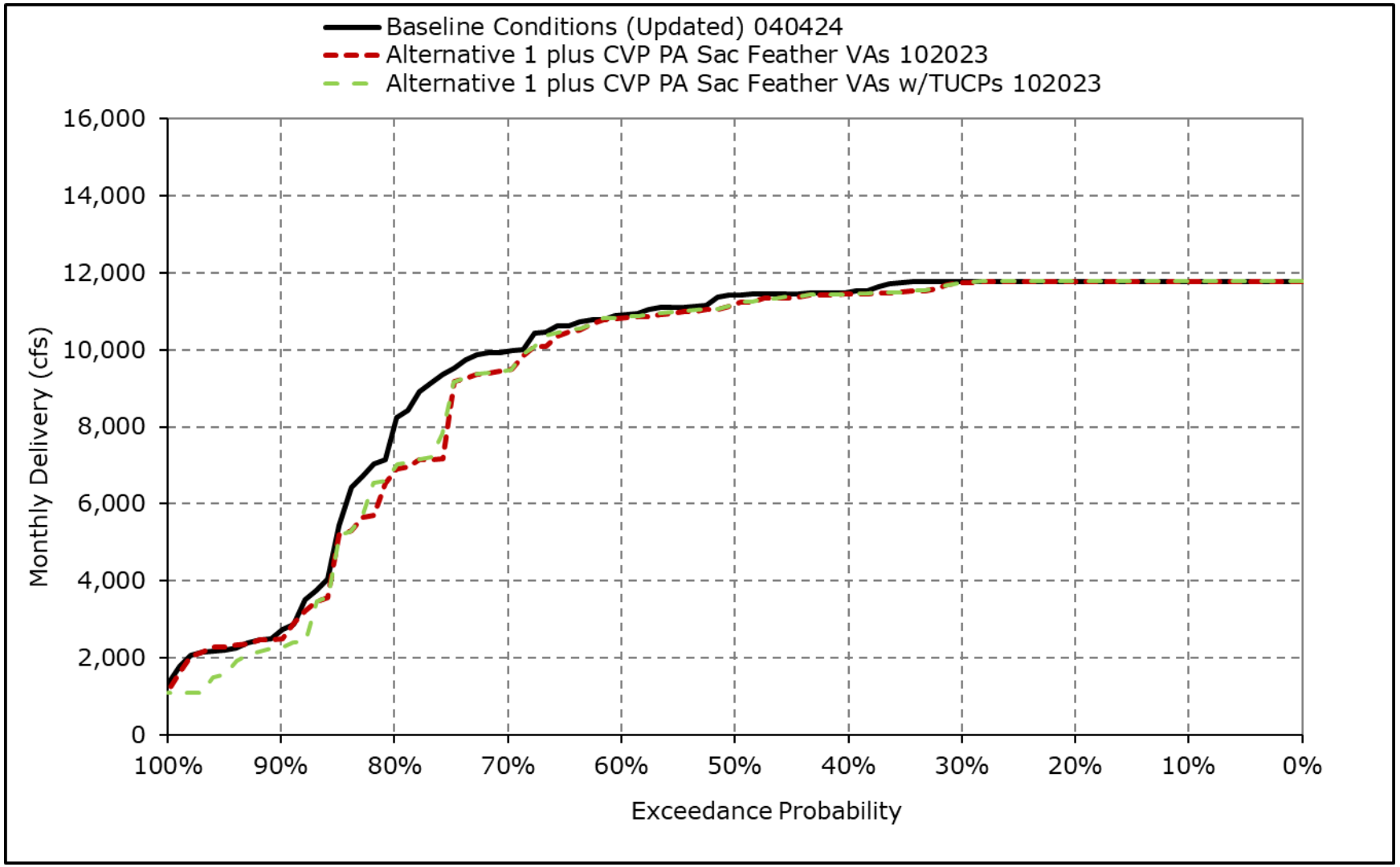
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3o. Total SWP and CVP Exports, June



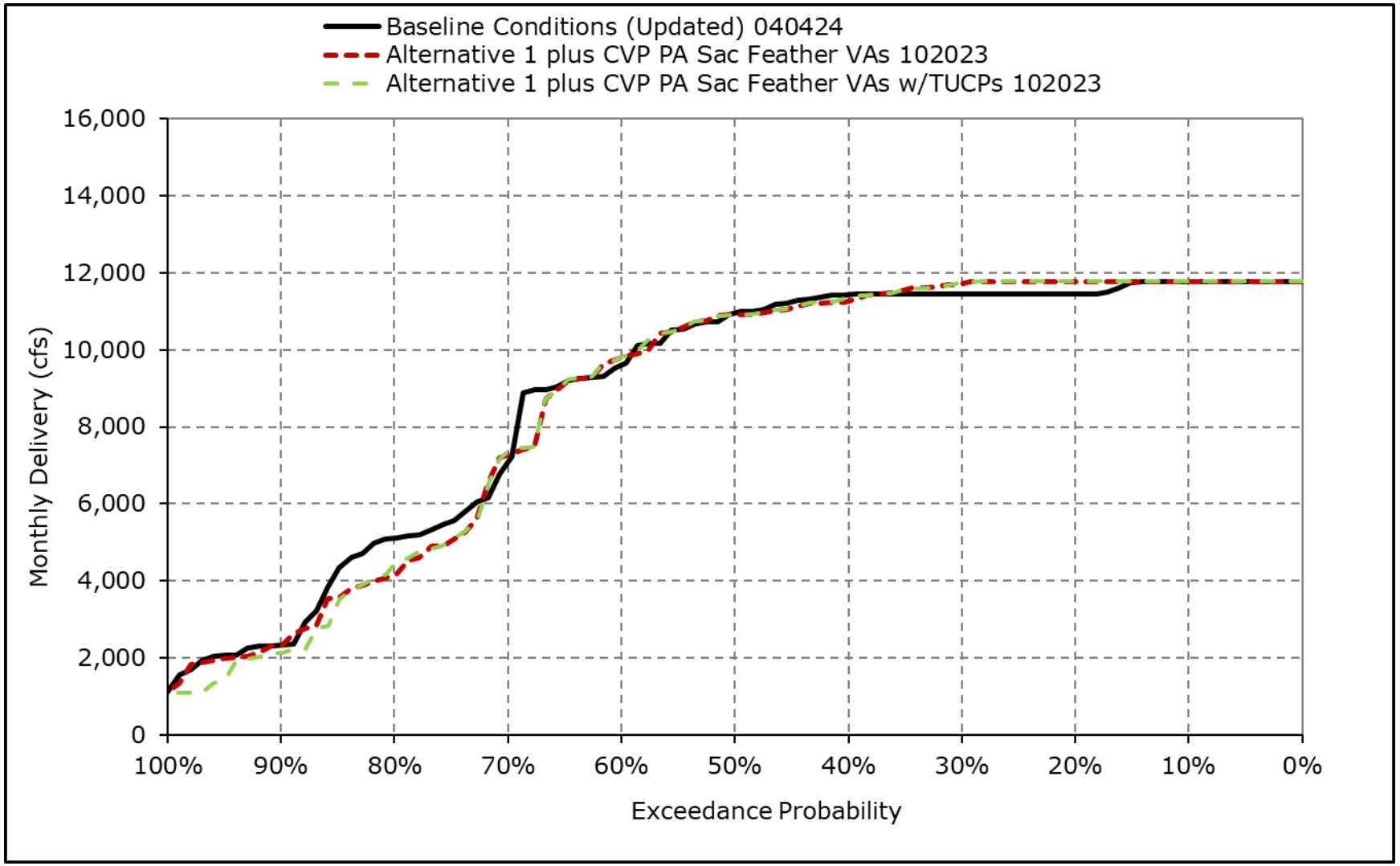
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3p. Total SWP and CVP Exports, July



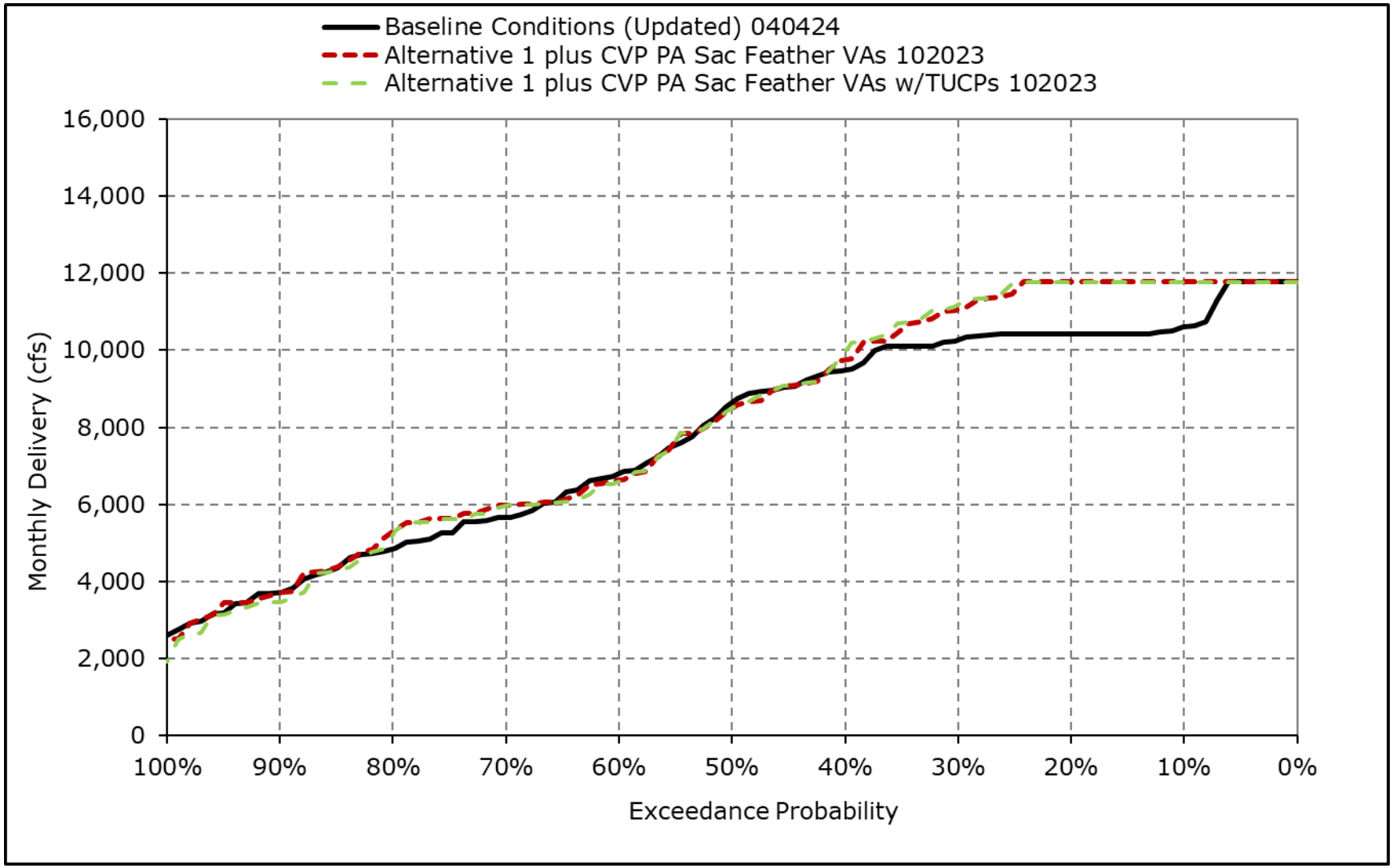
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3q. Total SWP and CVP Exports, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-3r. Total SWP and CVP Exports, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 4F-4-4-1a. SWP Banks PP Exports, Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6,444	6,680	6,987	4,811	7,168	6,134	5,230	2,988	5,249	7,180	7,180	5,836
20% Exceedance	4,600	6,680	5,614	3,842	5,138	4,588	1,877	2,263	2,805	7,180	7,163	5,836
30% Exceedance	3,799	6,373	4,393	3,347	4,009	3,531	1,104	968	2,487	7,180	6,855	5,713
40% Exceedance	3,345	5,780	4,094	2,989	3,121	2,956	965	798	2,286	7,180	6,855	4,832
50% Exceedance	2,926	4,795	3,509	2,828	2,895	2,544	884	698	2,091	6,999	6,849	3,315
60% Exceedance	2,343	3,665	3,133	2,697	2,677	2,343	799	600	2,014	6,860	5,489	2,363
70% Exceedance	1,831	2,313	2,895	2,562	2,557	2,178	633	600	1,809	6,364	3,942	1,400
80% Exceedance	1,271	1,301	2,674	2,412	2,397	1,997	600	600	1,498	3,311	1,462	1,004
90% Exceedance	739	1,031	2,257	2,200	1,996	1,689	600	600	1,159	1,269	1,133	556
Full Simulation Period Average[a]	3,105	4,222	3,963	3,204	3,840	3,221	1,614	1,338	2,488	5,692	5,004	3,501
Wet Water Years (30%)	4,206	5,564	4,600	4,322	5,935	4,902	3,565	2,555	4,053	7,040	6,801	5,448
Above Normal Water Years (11%)	2,567	4,335	4,300	2,969	3,890	3,308	784	1,197	2,583	6,983	6,996	4,172
Below Normal Water Years (21%)	3,238	4,526	3,997	2,888	3,269	3,085	804	903	2,186	6,952	6,605	4,396
Dry Water Years (22%)	2,884	3,999	3,818	2,666	2,413	2,166	800	681	1,808	5,231	2,881	1,695
Critical Water Years (16%)	1,538	1,535	2,690	2,427	2,590	1,641	711	626	819	1,257	1,082	702

Table 4F-4-4-1b. SWP Banks PP Exports, Alternative 1 plus CVP PA Sac Feather VAs 102023, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6,072	6,680	6,958	4,756	7,281	6,294	5,283	4,657	5,253	7,180	7,180	7,180
20% Exceedance	4,361	6,680	5,502	3,751	5,140	4,727	2,883	2,904	2,799	7,180	7,180	7,180
30% Exceedance	3,793	6,388	4,655	3,314	4,073	3,470	1,974	2,545	2,372	7,180	7,180	6,909
40% Exceedance	3,272	5,787	4,057	2,964	3,006	2,613	1,412	2,294	2,266	7,180	7,180	4,687
50% Exceedance	2,867	4,863	3,472	2,779	2,649	2,279	1,133	1,507	2,048	7,180	7,034	3,534
60% Exceedance	2,094	3,736	3,152	2,574	2,510	2,132	1,003	1,322	1,877	6,897	5,944	2,303
70% Exceedance	1,658	2,465	2,927	2,403	2,397	1,786	762	1,106	1,837	6,520	3,687	1,508
80% Exceedance	1,281	1,358	2,672	2,212	2,300	1,409	600	836	1,509	2,338	1,529	1,043
90% Exceedance	649	803	2,117	2,091	2,122	1,184	600	600	352	1,245	1,145	654
Full Simulation Period Average[a]	2,961	4,236	3,962	3,123	3,738	3,006	1,886	2,130	2,428	5,691	5,129	3,883
Wet Water Years (30%)	4,008	5,642	4,483	4,234	6,026	4,901	3,764	3,836	3,942	7,063	7,129	6,536
Above Normal Water Years (11%)	2,365	4,324	4,486	2,882	3,578	2,923	1,425	2,092	2,358	7,148	7,180	5,064
Below Normal Water Years (21%)	3,090	4,549	4,139	2,741	3,127	2,610	1,328	1,891	2,024	6,848	6,435	4,147
Dry Water Years (22%)	2,788	3,979	3,759	2,653	2,294	1,818	843	962	2,017	5,213	3,062	1,701
Critical Water Years (16%)	1,476	1,484	2,669	2,352	2,348	1,666	848	880	734	1,256	1,094	753

Table 4F-4-4-1c. SWP Banks PP Exports, Alternative 1 plus CVP PA Sac Feather VAs 102023 minus Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-372	0	-29	-56	113	160	54	1,669	4	0	0	1,344
20% Exceedance	-238	0	-112	-90	2	139	1,007	641	-5	0	17	1,344
30% Exceedance	-6	15	262	-33	64	-61	870	1,577	-115	0	325	1,195
40% Exceedance	-73	7	-36	-25	-114	-343	446	1,495	-20	0	325	-146
50% Exceedance	-59	68	-36	-50	-246	-265	248	808	-43	181	185	218
60% Exceedance	-249	70	19	-123	-166	-211	205	722	-137	37	455	-59
70% Exceedance	-173	151	32	-158	-159	-392	128	506	28	156	-254	108
80% Exceedance	10	57	-2	-200	-97	-588	0	236	10	-973	66	38
90% Exceedance	-90	-228	-139	-109	126	-505	0	0	-807	-24	12	98
Full Simulation Period Average[a]	-144	15	-1	-82	-102	-215	272	792	-60	-1	125	382
Wet Water Years (30%)	-198	78	-117	-88	91	-2	199	1,281	-112	23	328	1,088
Above Normal Water Years (11%)	-202	-10	185	-87	-313	-385	641	895	-226	165	184	892
Below Normal Water Years (21%)	-148	23	142	-147	-142	-475	524	988	-162	-104	-170	-249
Dry Water Years (22%)	-96	-20	-58	-13	-119	-348	44	281	209	-19	181	6
Critical Water Years (16%)	-63	-51	-21	-75	-242	25	137	254	-85	-1	12	51

[a] Based on the 100-year simulation period.

* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* Water Year Types results are displayed with water year - year type sorting.

Table 4F-4-4-2a. SWP Banks PP Exports, Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6,444	6,680	6,987	4,811	7,168	6,134	5,230	2,988	5,249	7,180	7,180	5,836
20% Exceedance	4,600	6,680	5,614	3,842	5,138	4,588	1,877	2,263	2,805	7,180	7,163	5,836
30% Exceedance	3,799	6,373	4,393	3,347	4,009	3,531	1,104	968	2,487	7,180	6,855	5,713
40% Exceedance	3,345	5,780	4,094	2,989	3,121	2,956	965	798	2,286	7,180	6,855	4,832
50% Exceedance	2,926	4,795	3,509	2,828	2,895	2,544	884	698	2,091	6,999	6,849	3,315
60% Exceedance	2,343	3,665	3,133	2,697	2,677	2,343	799	600	2,014	6,860	5,489	2,363
70% Exceedance	1,831	2,313	2,895	2,562	2,557	2,178	633	600	1,809	6,364	3,942	1,400
80% Exceedance	1,271	1,301	2,674	2,412	2,397	1,997	600	600	1,498	3,311	1,462	1,004
90% Exceedance	739	1,031	2,257	2,200	1,996	1,689	600	600	1,159	1,269	1,133	556
Full Simulation Period Average[a]	3,105	4,222	3,963	3,204	3,840	3,221	1,614	1,338	2,488	5,692	5,004	3,501
Wet Water Years (30%)	4,206	5,564	4,600	4,322	5,935	4,902	3,565	2,555	4,053	7,040	6,801	5,448
Above Normal Water Years (11%)	2,567	4,335	4,300	2,969	3,890	3,308	784	1,197	2,583	6,983	6,996	4,172
Below Normal Water Years (21%)	3,238	4,526	3,997	2,888	3,269	3,085	804	903	2,186	6,952	6,605	4,396
Dry Water Years (22%)	2,884	3,999	3,818	2,666	2,413	2,166	800	681	1,808	5,231	2,881	1,695
Critical Water Years (16%)	1,538	1,535	2,690	2,427	2,590	1,641	711	626	819	1,257	1,082	702

Table 4F-4-4-2b. SWP Banks PP Exports, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6,161	6,680	6,957	4,772	7,280	6,294	5,283	4,655	5,252	7,180	7,180	7,180
20% Exceedance	4,434	6,680	5,725	3,752	5,141	4,698	2,884	2,962	2,799	7,180	7,180	7,180
30% Exceedance	3,870	6,391	4,706	3,297	4,188	3,467	1,974	2,544	2,391	7,180	7,180	7,133
40% Exceedance	3,359	5,792	4,123	2,993	3,040	2,768	1,502	2,302	2,277	7,180	7,180	4,938
50% Exceedance	2,921	4,862	3,596	2,777	2,690	2,350	1,149	1,507	2,076	7,180	7,058	3,564
60% Exceedance	2,288	3,754	3,161	2,568	2,526	2,152	952	1,311	1,894	6,898	5,940	2,261
70% Exceedance	1,783	2,751	2,931	2,425	2,397	1,840	692	1,106	1,840	6,598	3,686	1,462
80% Exceedance	1,340	1,633	2,723	2,204	2,295	1,455	600	853	1,567	2,344	1,436	1,013
90% Exceedance	833	973	2,306	2,058	2,123	1,184	600	600	346	1,126	906	604
Full Simulation Period Average[a]	3,053	4,290	4,002	3,132	3,765	3,037	1,891	2,150	2,447	5,675	5,094	3,890
Wet Water Years (30%)	4,012	5,647	4,480	4,233	6,025	4,892	3,763	3,843	3,941	7,064	7,131	6,538
Above Normal Water Years (11%)	2,306	4,314	4,613	2,879	3,573	2,922	1,447	2,084	2,362	7,148	7,175	5,061
Below Normal Water Years (21%)	3,144	4,573	4,159	2,749	3,127	2,606	1,375	1,892	2,022	6,861	6,456	4,310
Dry Water Years (22%)	2,810	4,014	3,794	2,657	2,294	1,818	844	961	2,022	5,299	3,079	1,711
Critical Water Years (16%)	1,986	1,736	2,765	2,395	2,523	1,879	804	992	844	1,017	831	565

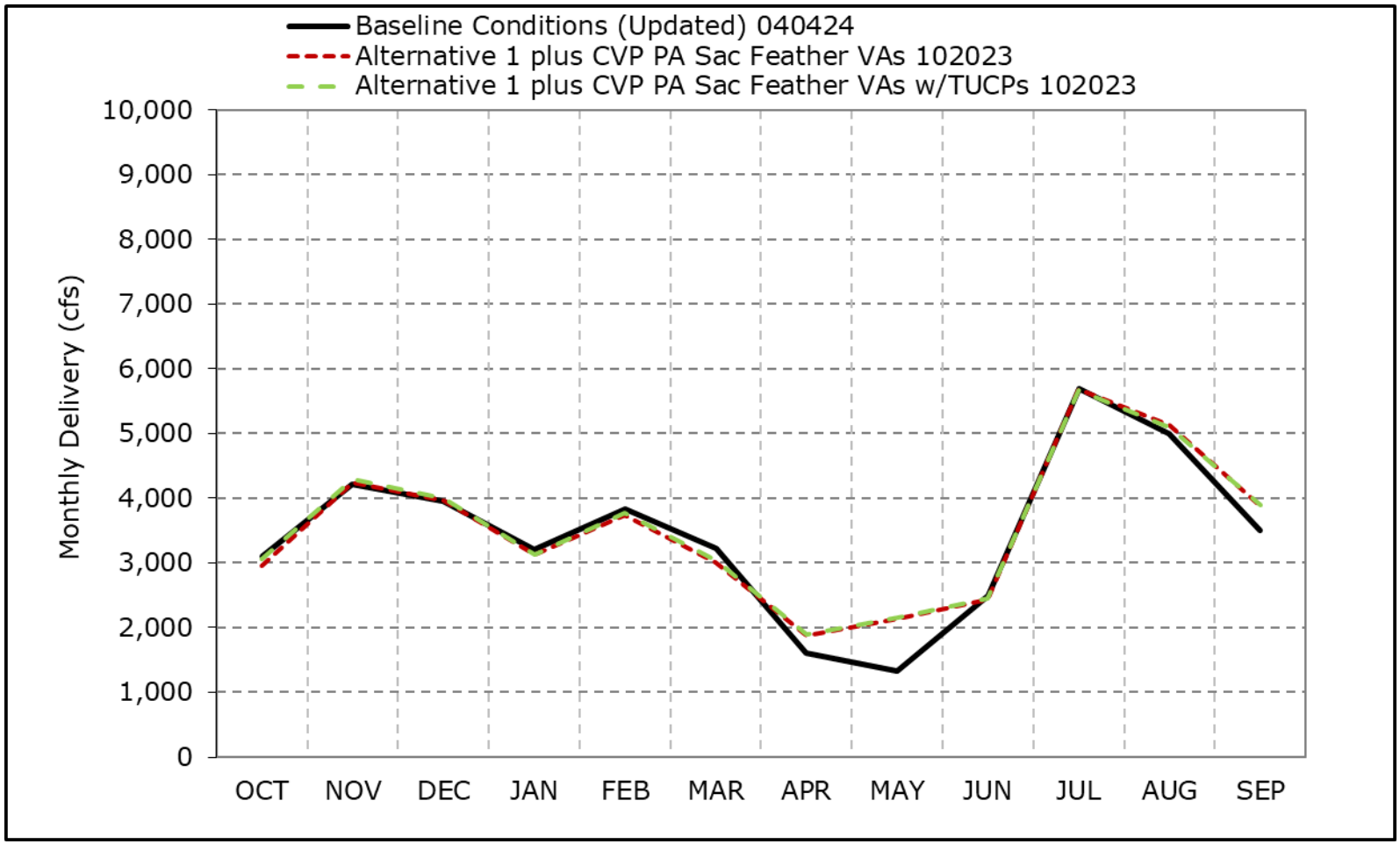
Table 4F-4-4-2c. SWP Banks PP Exports, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023 minus Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-282	0	-30	-39	111	160	53	1,667	4	0	0	1,344
20% Exceedance	-166	0	110	-90	3	110	1,007	699	-6	0	17	1,344
30% Exceedance	71	18	313	-50	179	-64	870	1,576	-96	0	325	1,420
40% Exceedance	14	13	30	3	-81	-188	536	1,504	-9	0	325	106
50% Exceedance	-4	67	88	-51	-205	-194	264	809	-15	181	210	248
60% Exceedance	-56	89	27	-129	-150	-191	153	711	-120	38	451	-102
70% Exceedance	-48	438	37	-136	-160	-338	59	506	31	234	-256	61
80% Exceedance	69	332	50	-208	-102	-542	0	253	68	-967	-26	9
90% Exceedance	94	-57	49	-142	126	-504	0	0	-813	-143	-227	49
Full Simulation Period Average[a]	-51	68	39	-73	-75	-185	277	812	-41	-17	91	388
Wet Water Years (30%)	-194	83	-120	-88	90	-10	198	1,289	-112	24	330	1,090
Above Normal Water Years (11%)	-261	-21	313	-90	-318	-386	663	887	-221	165	179	889
Below Normal Water Years (21%)	-94	47	162	-139	-142	-479	572	989	-164	-91	-149	-86
Dry Water Years (22%)	-74	15	-24	-9	-119	-348	45	280	214	67	197	16
Critical Water Years (16%)	448	201	74	-32	-67	239	93	366	25	-241	-252	-137

[a] Based on the 100-year simulation period.

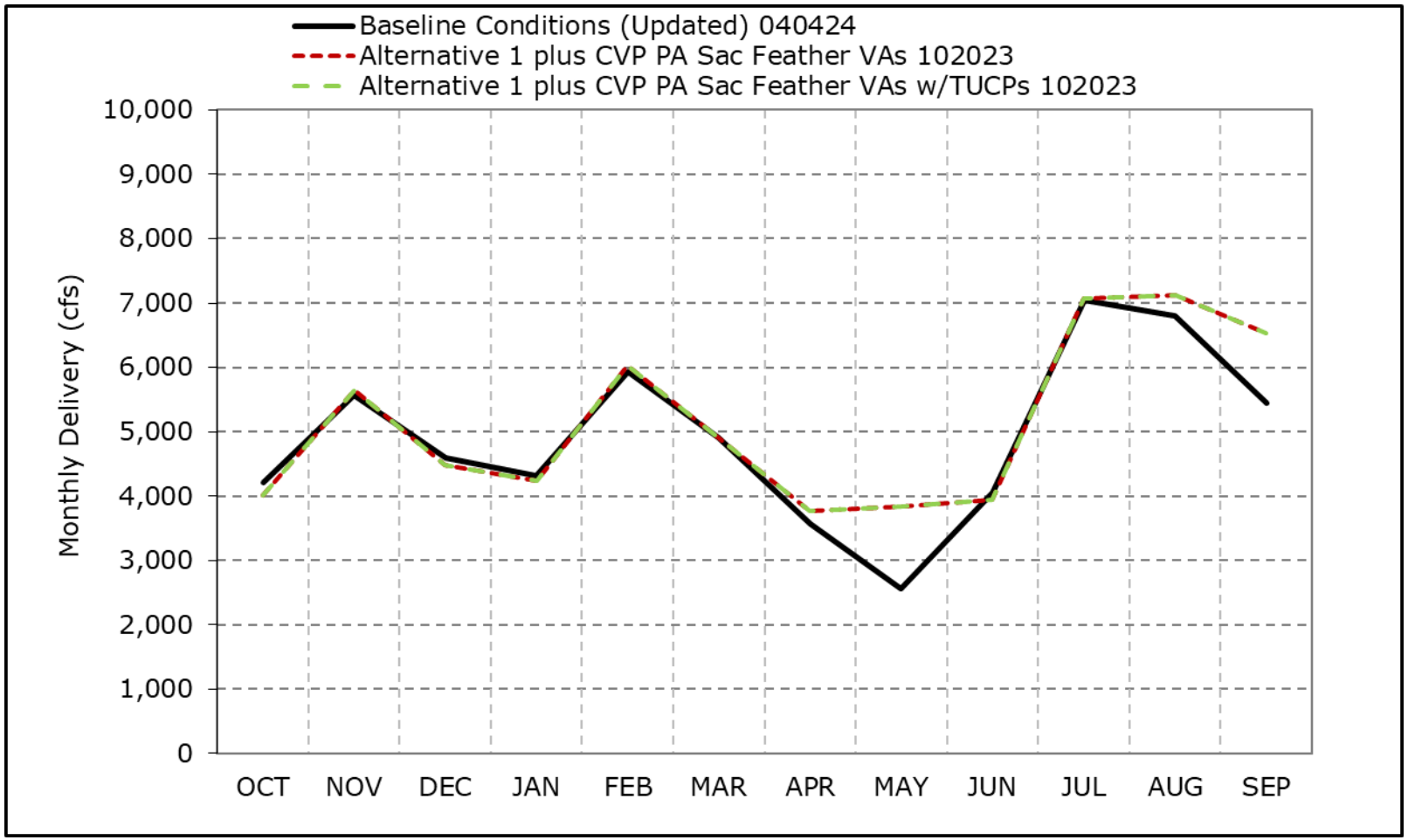
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* Water Year Types results are displayed with water year - year type sorting.

Figure 4F-4-4a. SWP Banks PP Exports, Long-Term Average Delivery



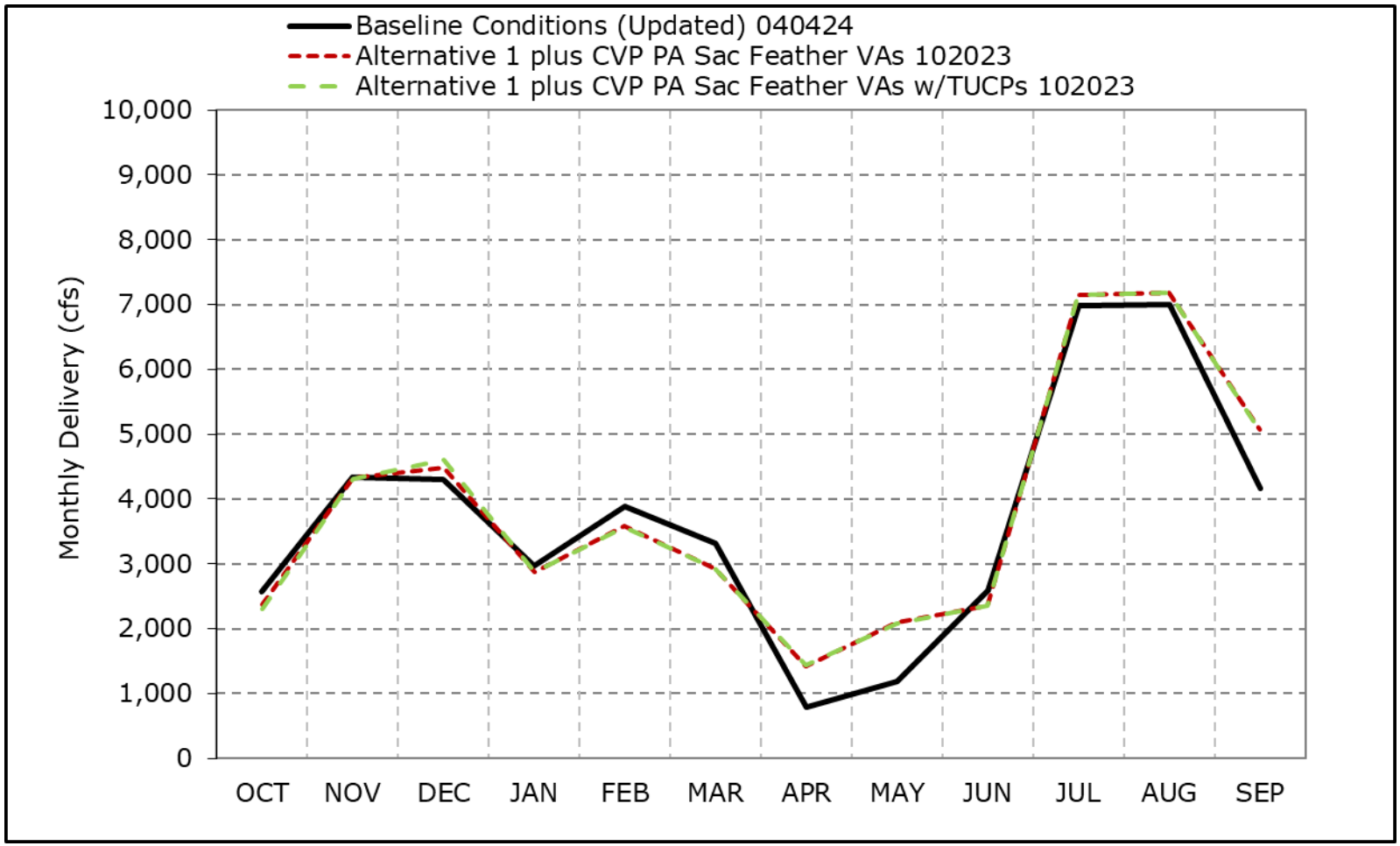
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4b. SWP Banks PP Exports, Wet Year Average Delivery



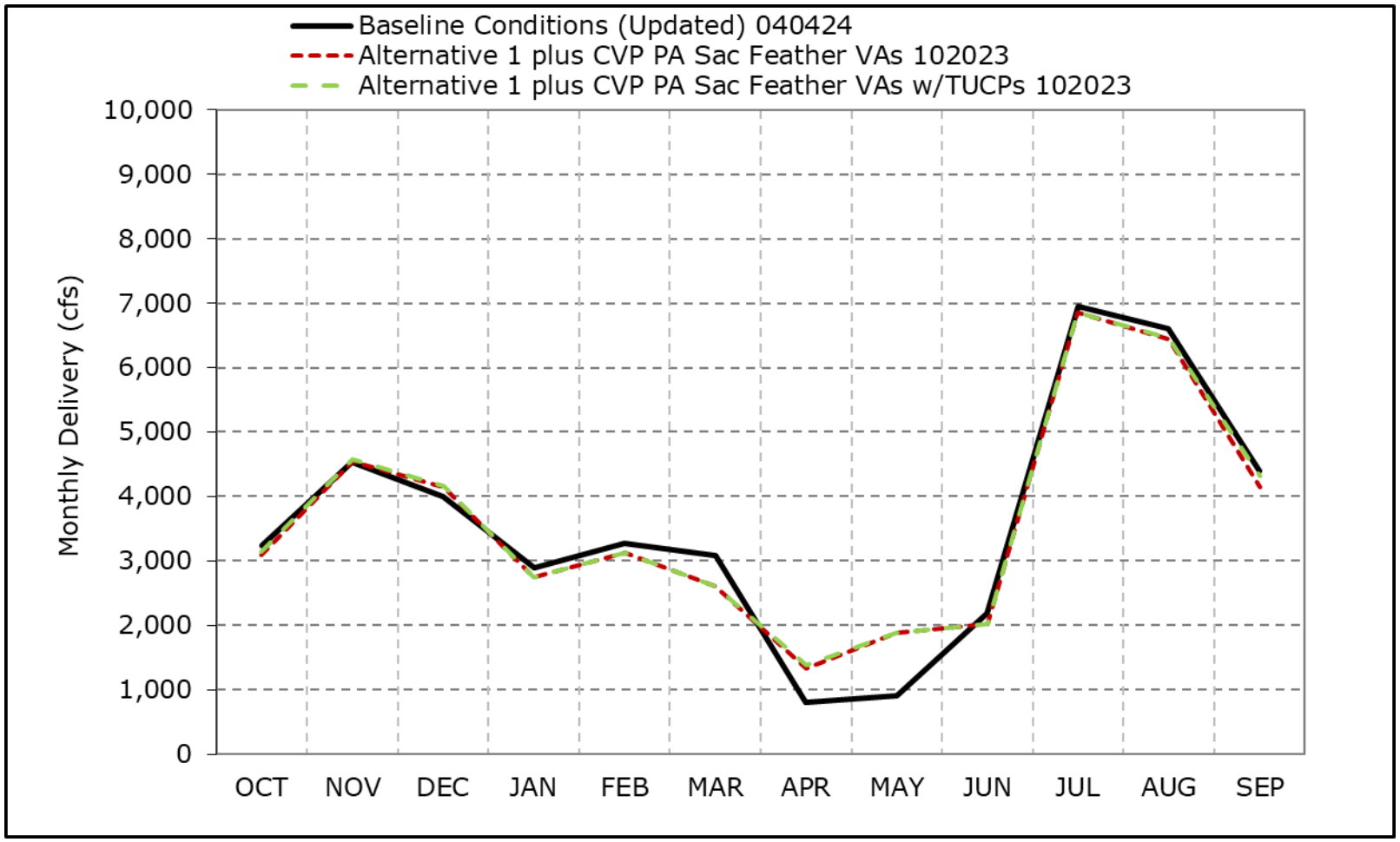
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4c. SWP Banks PP Exports, Above Normal Year Average Delivery



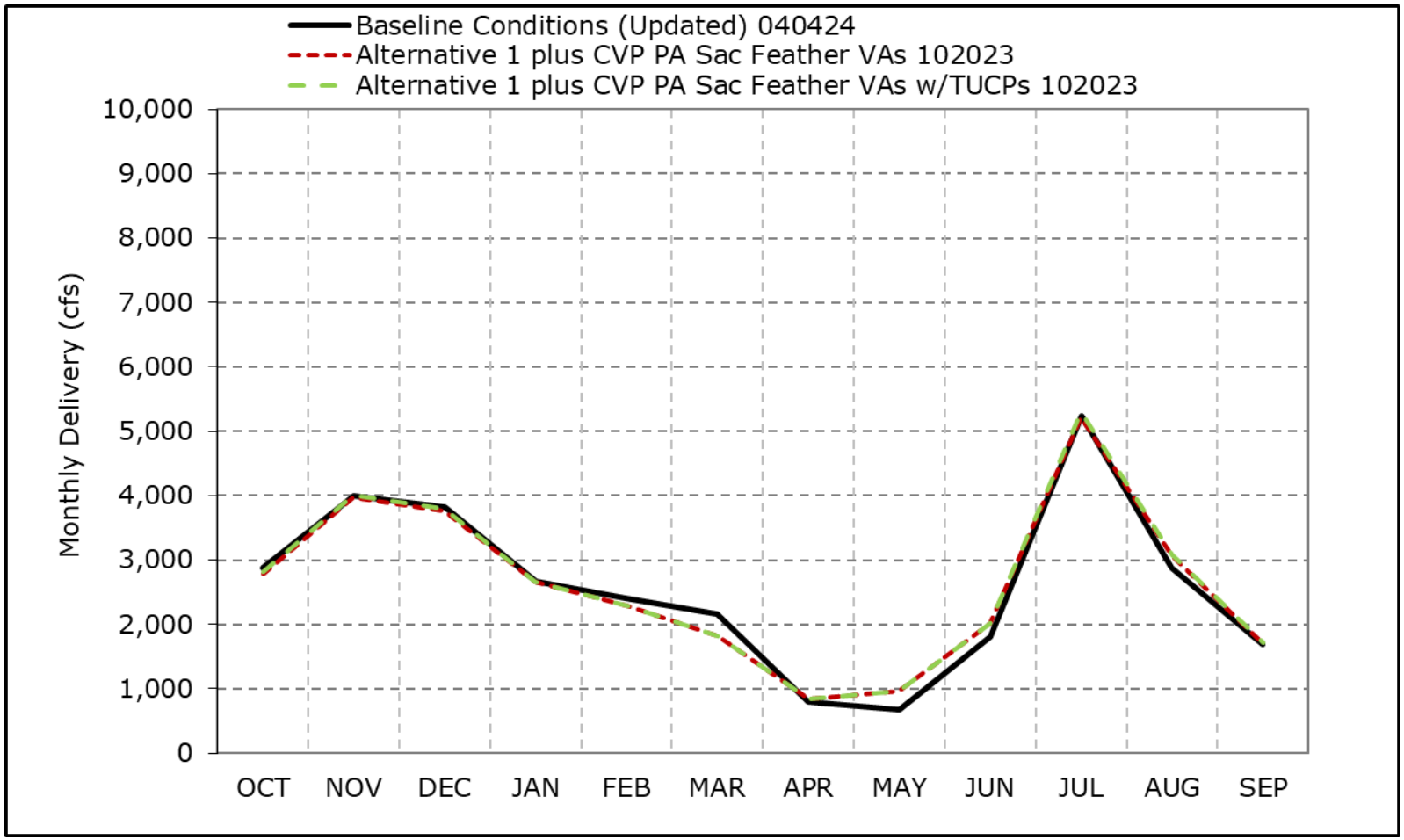
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4d. SWP Banks PP Exports, Below Normal Year Average Delivery



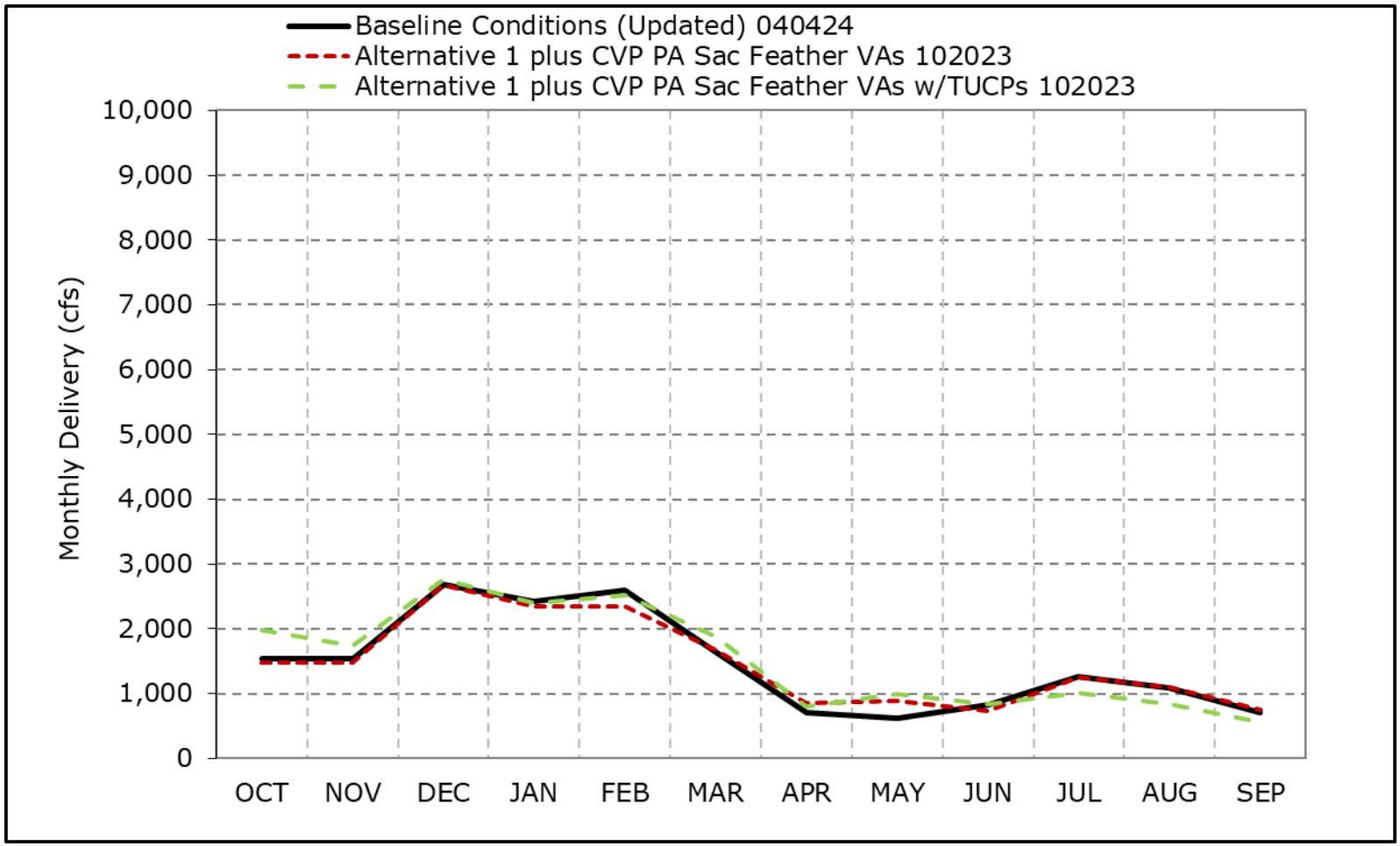
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4e. SWP Banks PP Exports, Dry Year Average Delivery



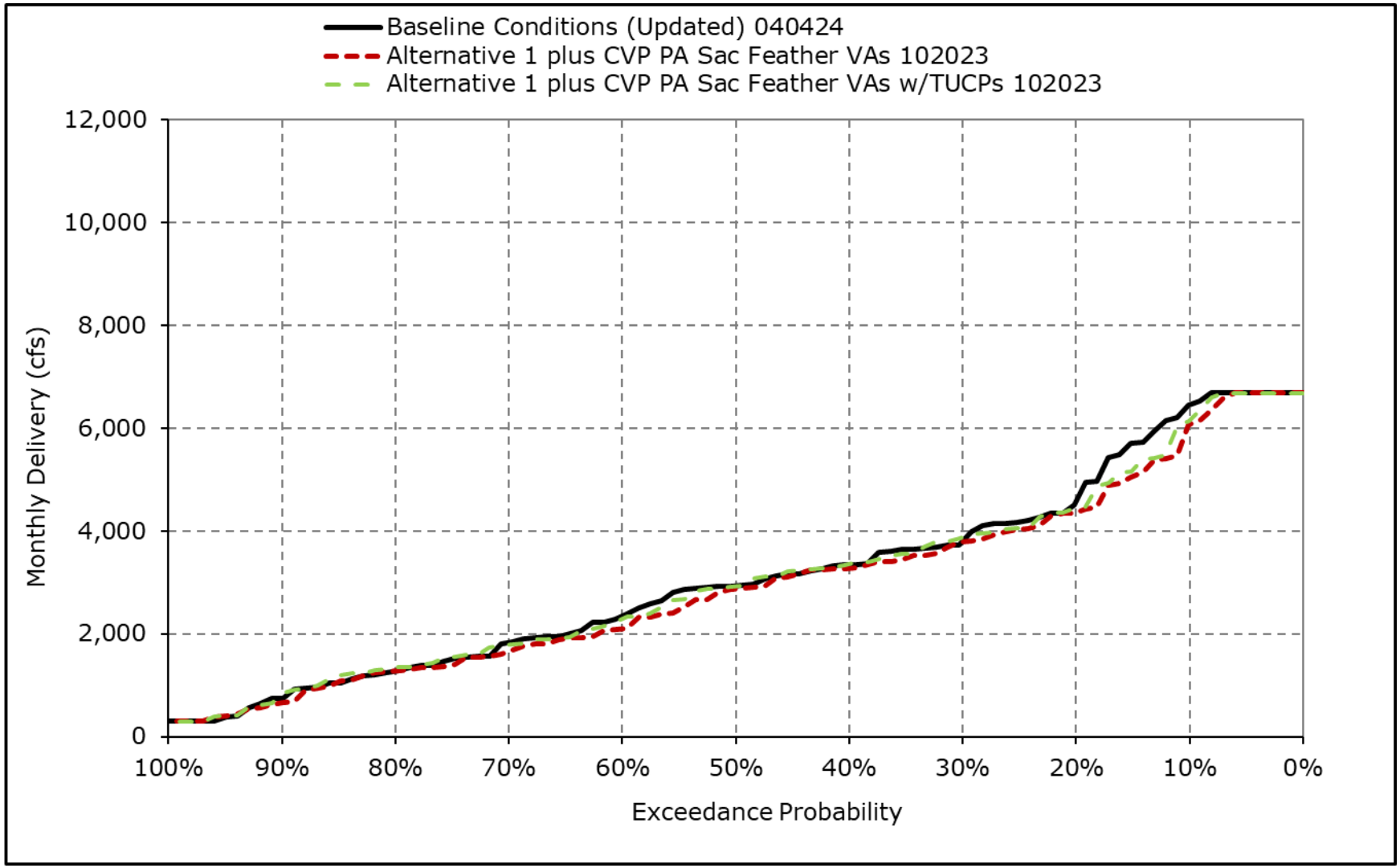
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4f. SWP Banks PP Exports, Critical Year Average Delivery



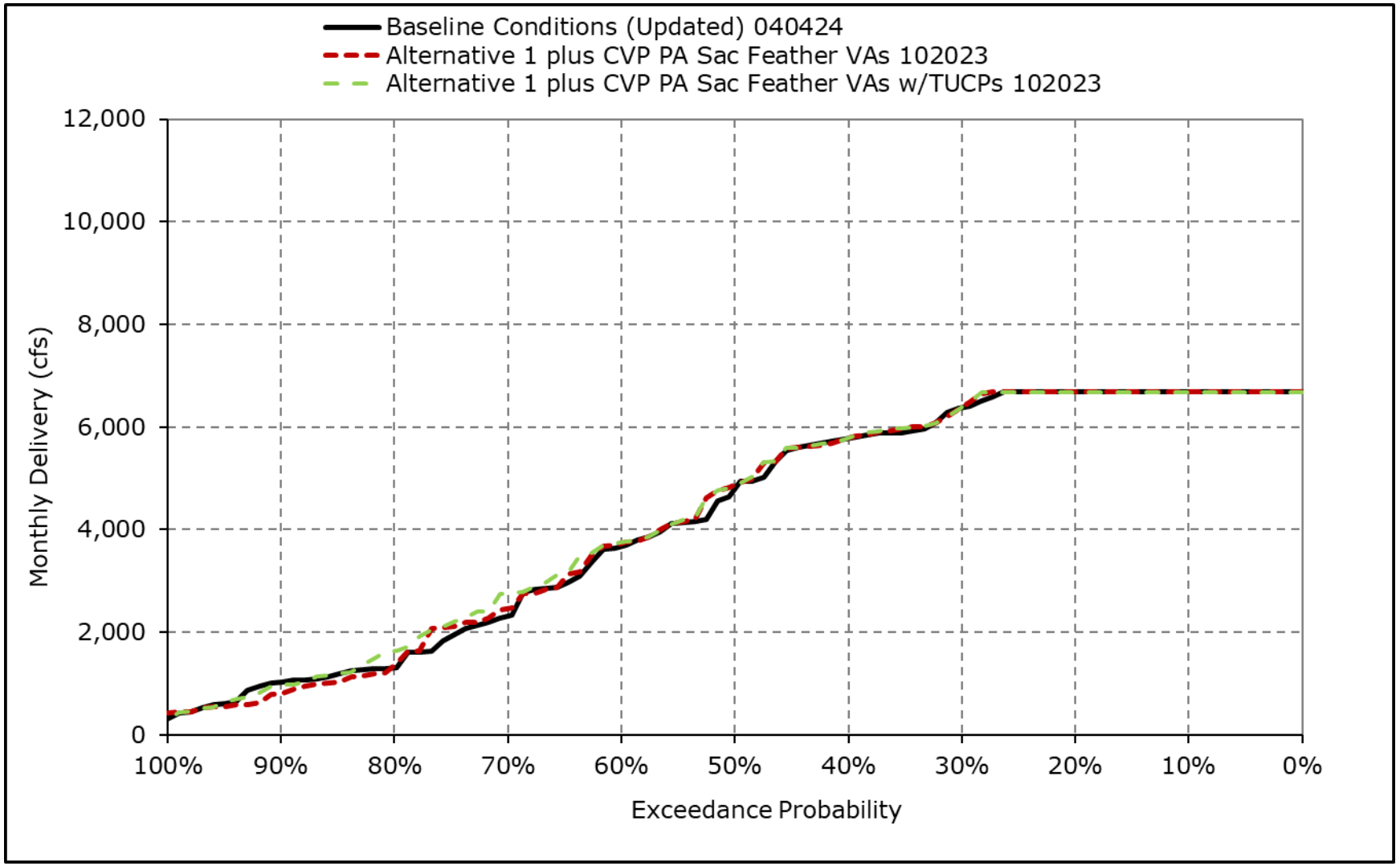
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4g. SWP Banks PP Exports, October



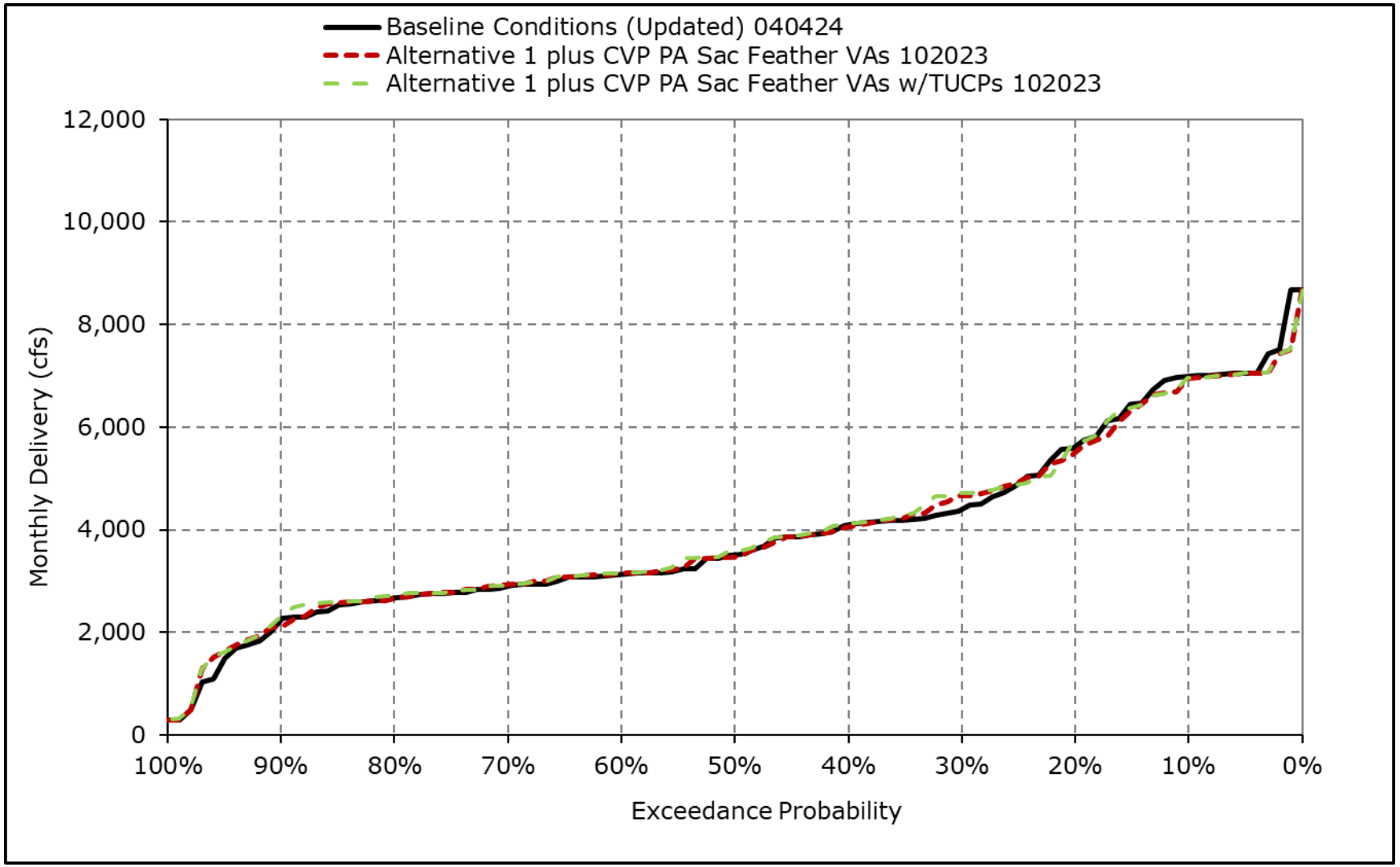
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4h. SWP Banks PP Exports, November



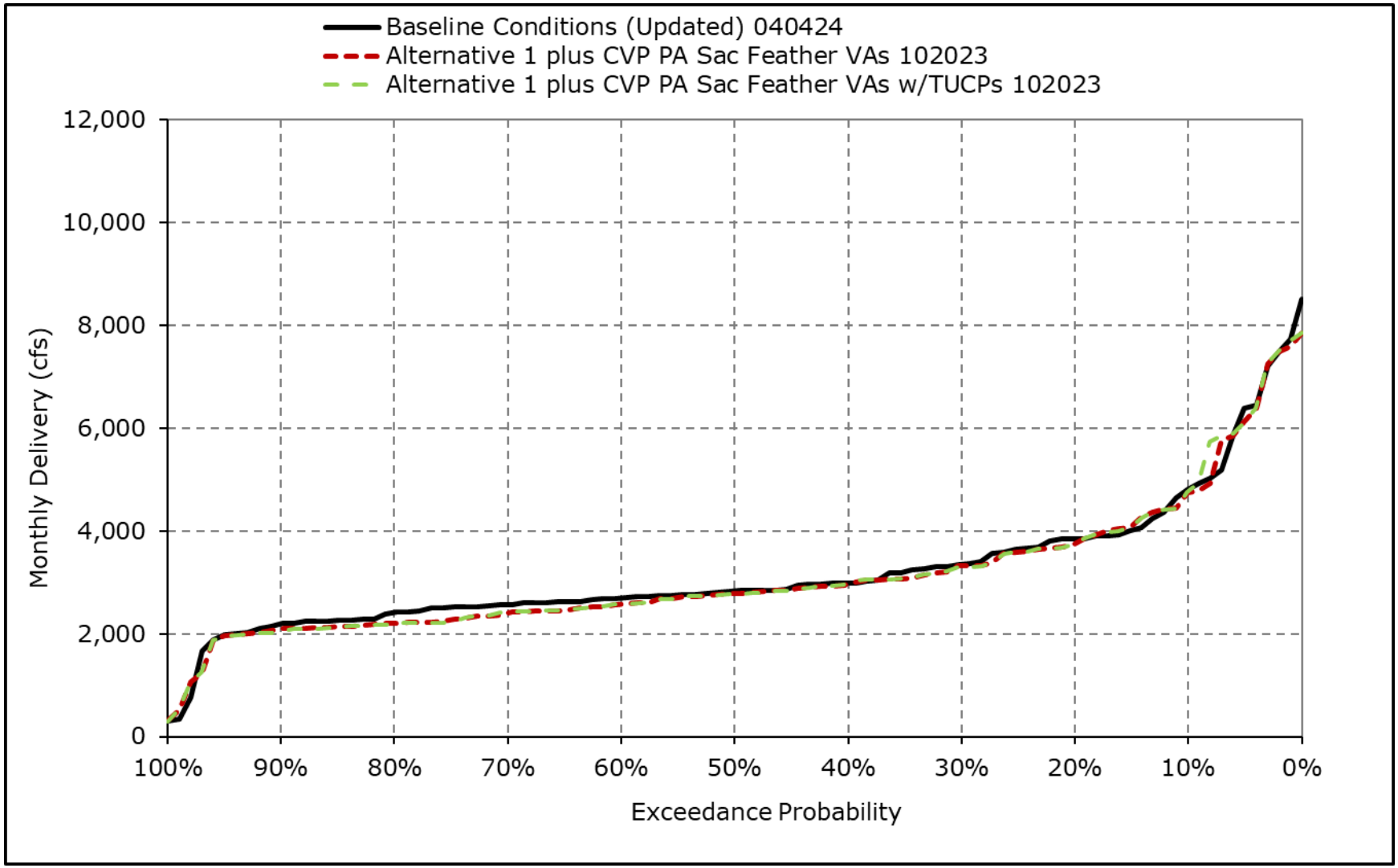
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4i. SWP Banks PP Exports, December



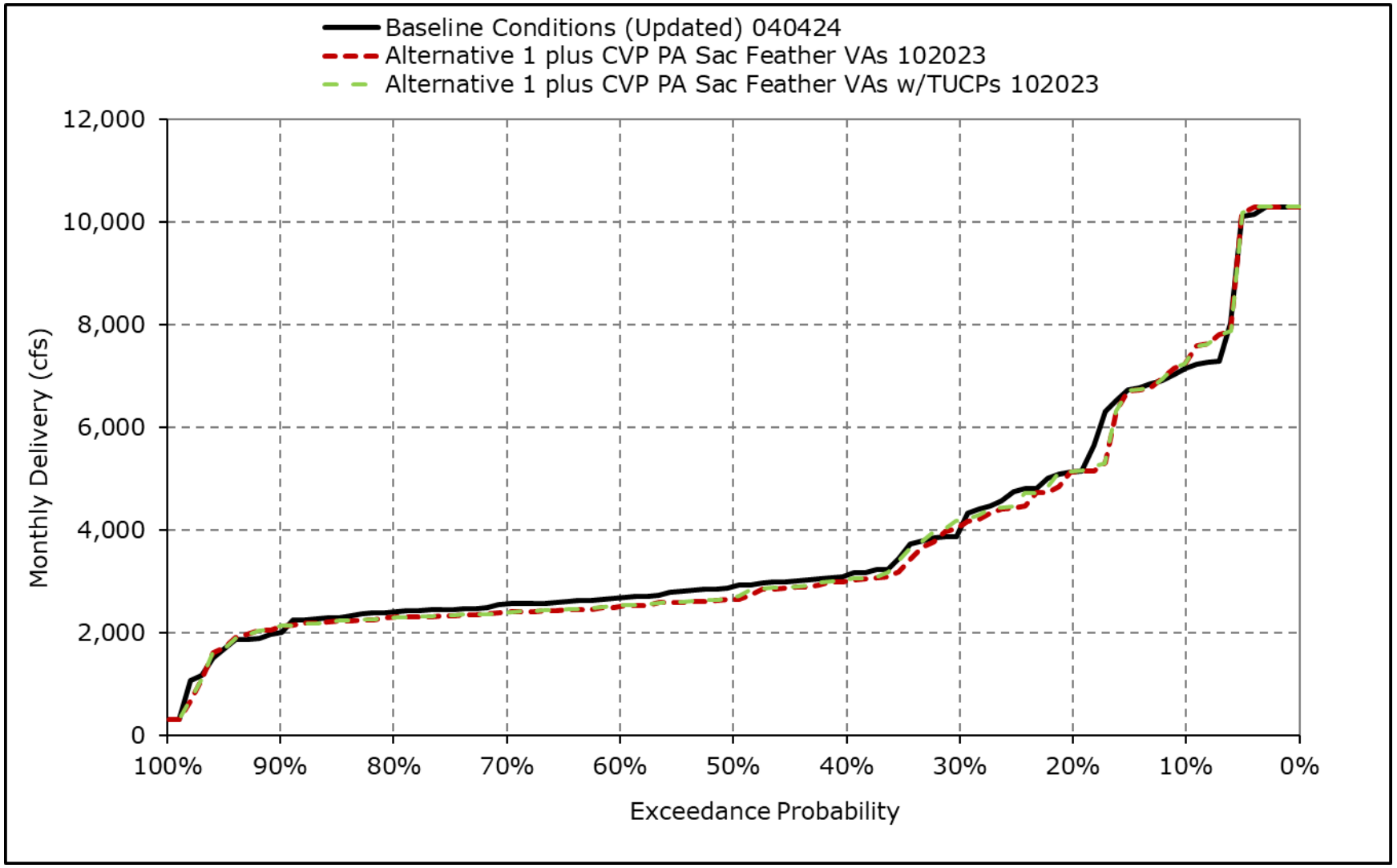
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4j. SWP Banks PP Exports, January



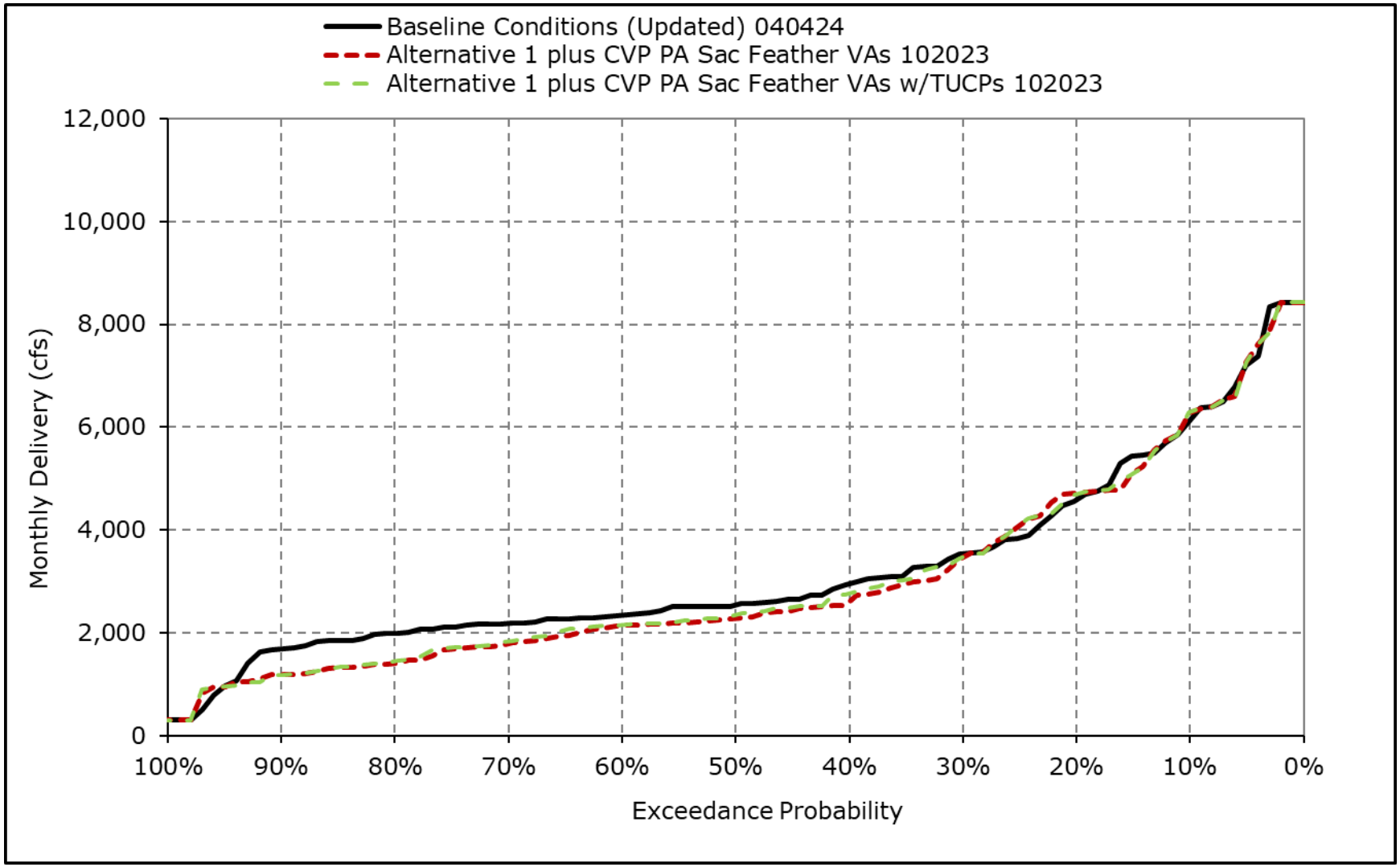
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4k. SWP Banks PP Exports, February



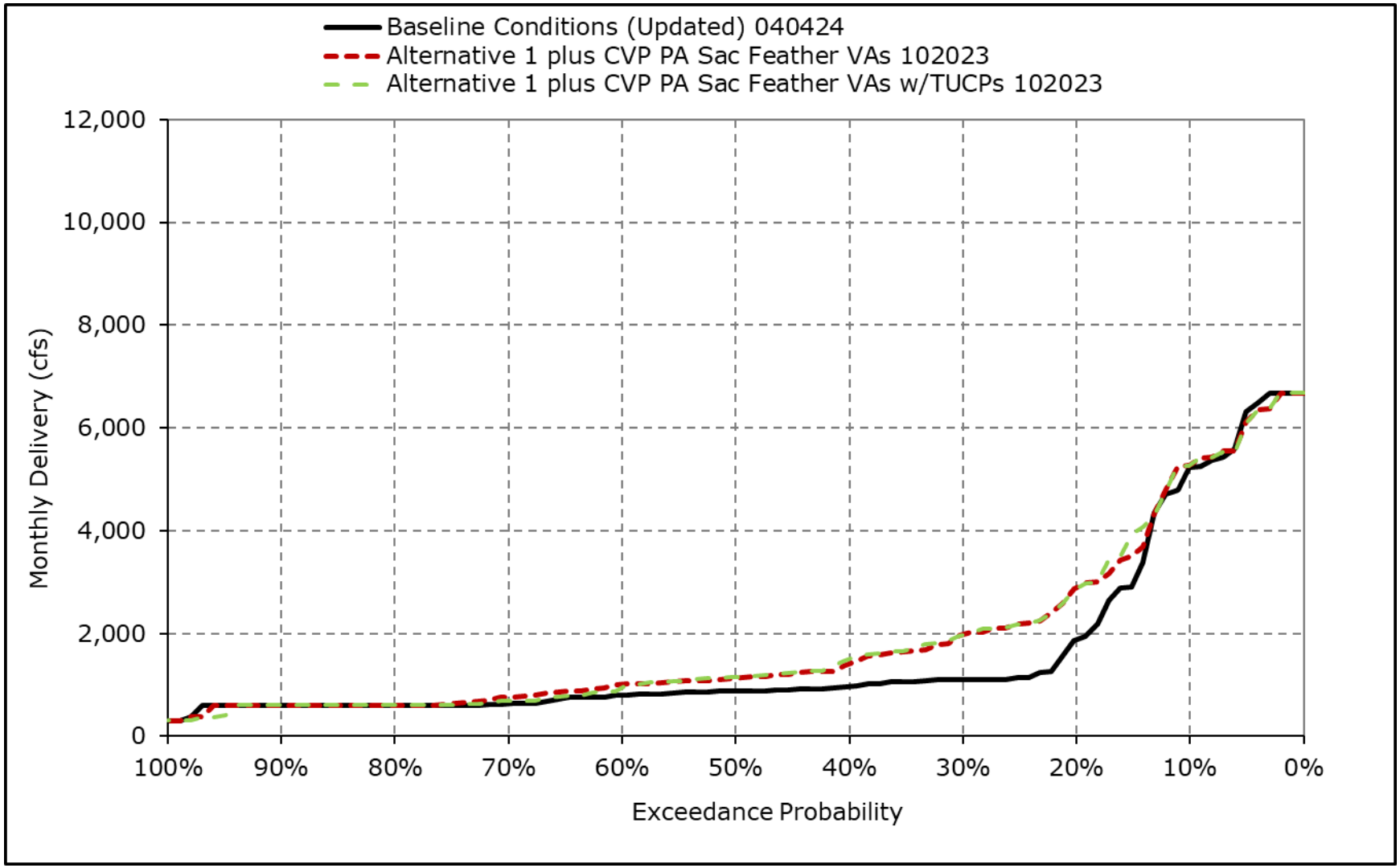
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4l. SWP Banks PP Exports, March



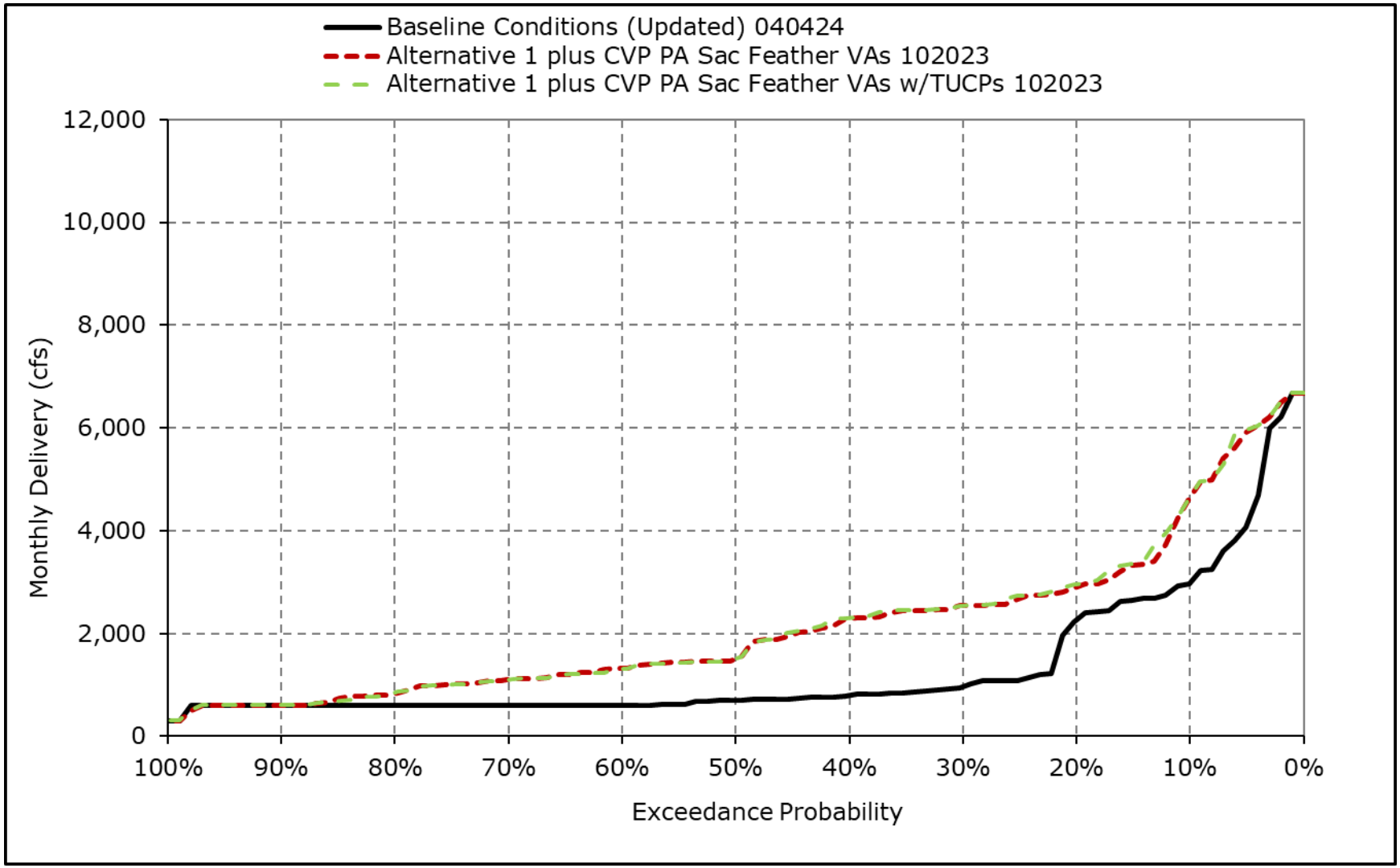
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4m. SWP Banks PP Exports, April



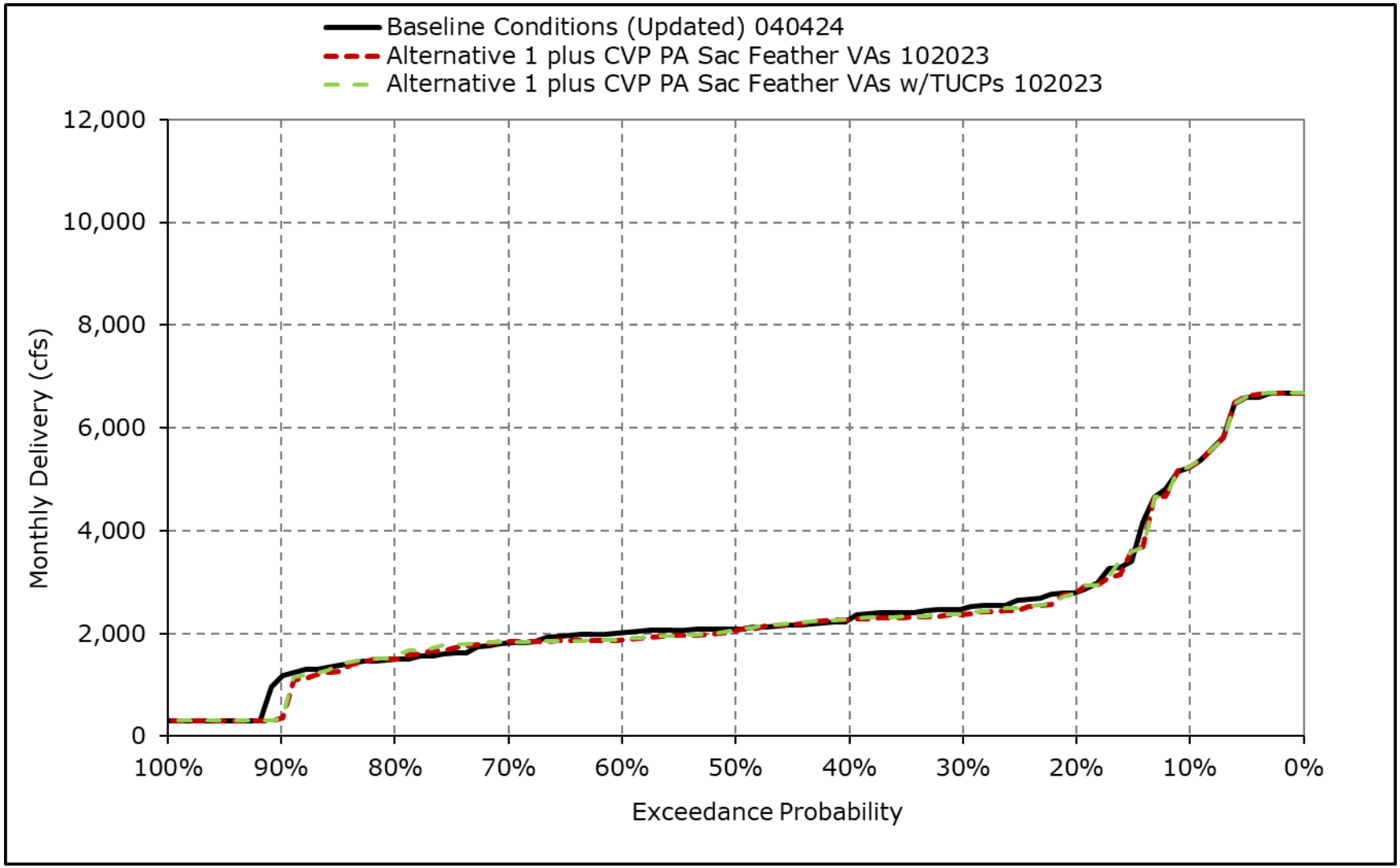
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4n. SWP Banks PP Exports, May



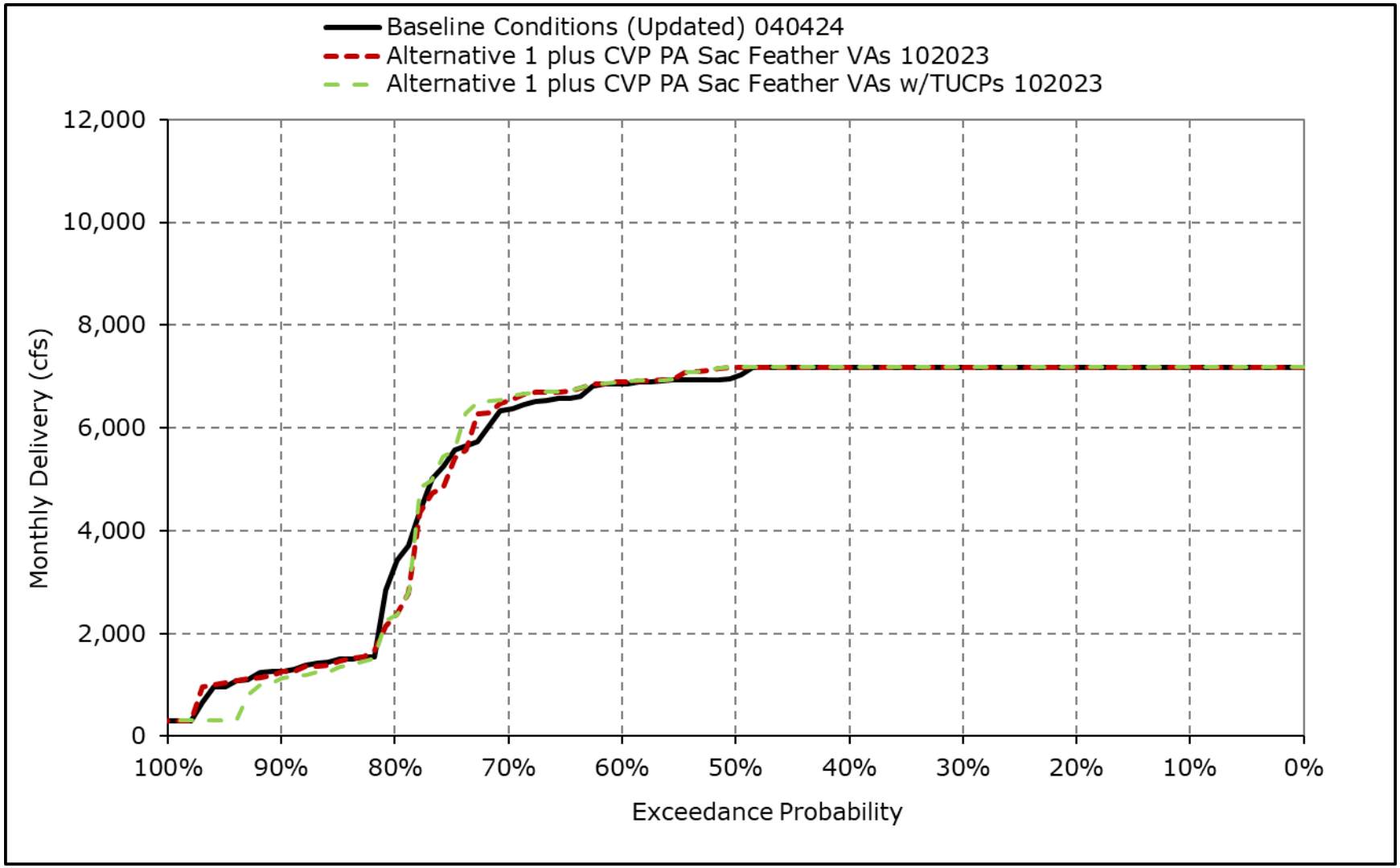
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4o. SWP Banks PP Exports, June



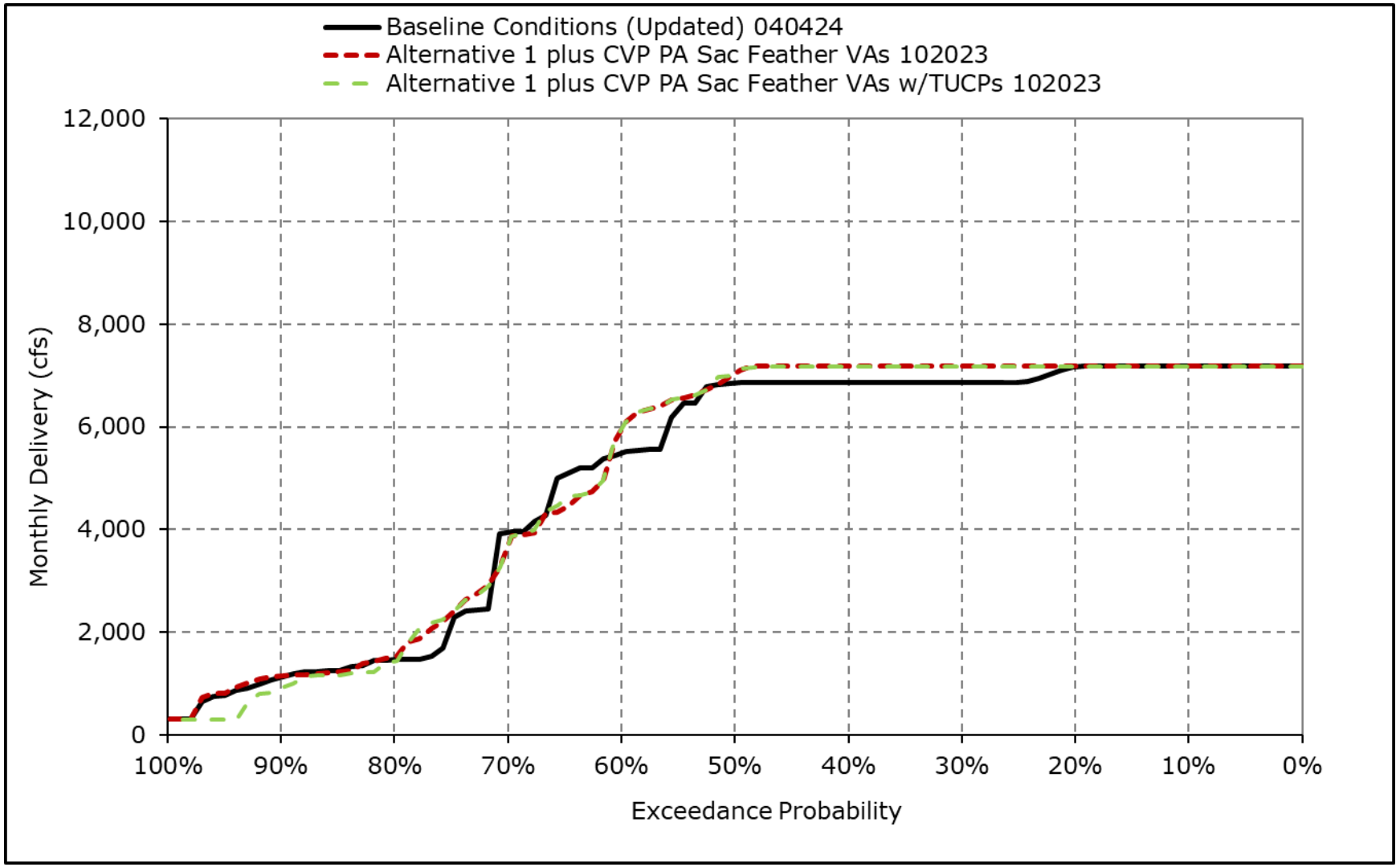
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4p. SWP Banks PP Exports, July



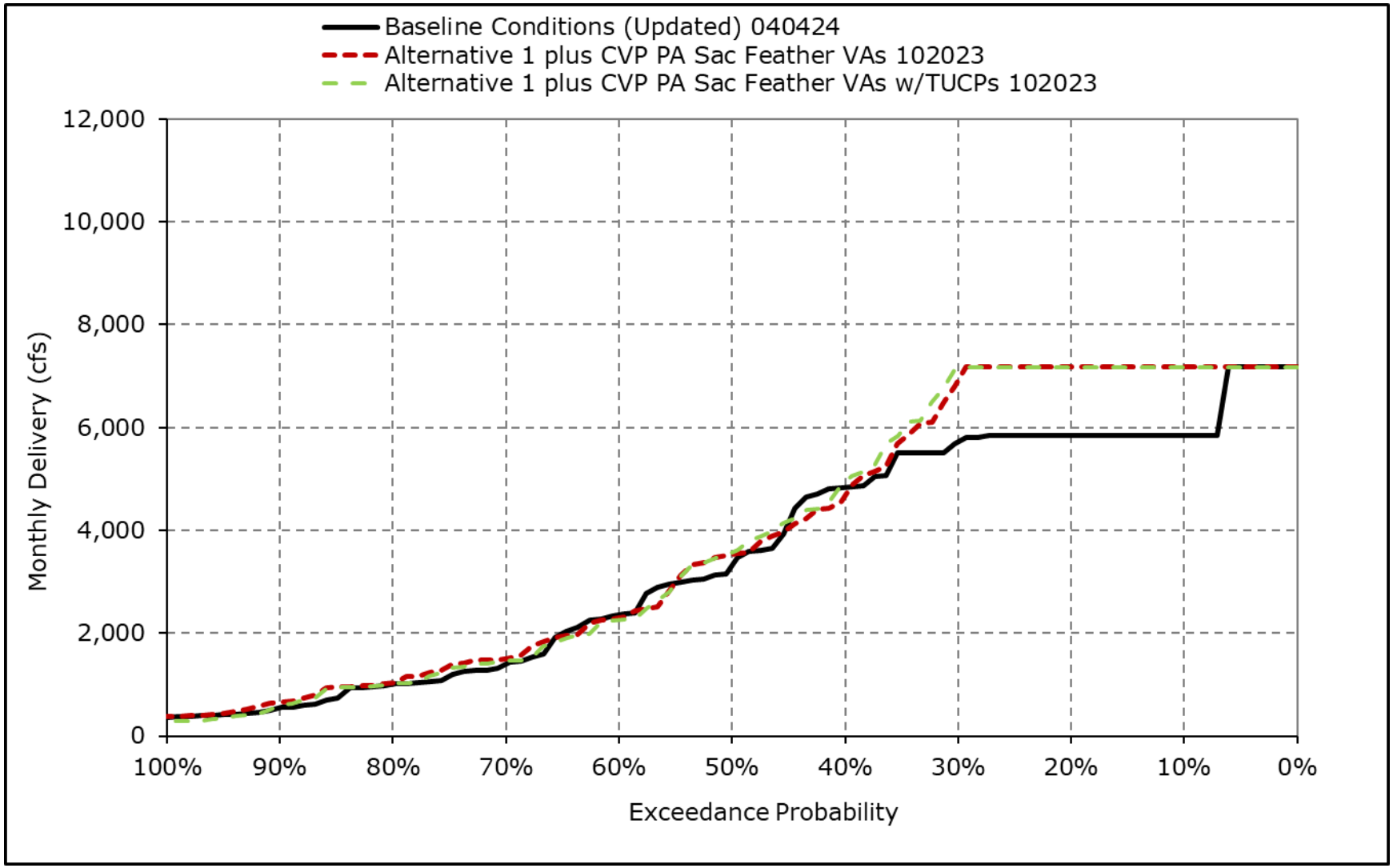
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4q. SWP Banks PP Exports, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-4r. SWP Banks PP Exports, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 4F-4-5-1a. CVP Banks PP Exports, Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,004	1,308	0	0	0	0	0	0	672	568	892
20% Exceedance	0	369	262	0	0	0	0	0	0	2	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	65	225	248	26	0	0	0	5	11	128	100	168
Wet Water Years (30%)	43	137	72	88	0	0	0	18	36	68	0	0
Above Normal Water Years (11%)	38	198	447	0	0	0	0	0	0	0	0	0
Below Normal Water Years (21%)	113	281	467	0	0	0	0	0	0	27	95	759
Dry Water Years (22%)	86	348	314	0	0	0	0	0	0	392	366	37
Critical Water Years (16%)	33	164	62	0	0	0	0	0	0	99	0	0

Table 4F-4-5-1b. CVP Banks PP Exports, Alternative 1 plus CVP PA Sac Feather VAs 102023, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,058	1,294	0	0	0	0	0	0	627	787	996
20% Exceedance	0	353	176	0	0	0	0	0	0	249	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	34	226	248	26	0	0	0	5	11	168	167	190
Wet Water Years (30%)	26	135	120	87	0	0	0	18	36	70	0	0
Above Normal Water Years (11%)	0	198	451	0	0	0	0	0	0	0	0	0
Below Normal Water Years (21%)	36	289	444	0	0	0	0	0	0	103	364	796
Dry Water Years (22%)	72	357	301	0	0	0	0	0	0	403	413	102
Critical Water Years (16%)	16	154	20	0	0	0	0	0	0	231	0	0

Table 4F-4-5-1c. CVP Banks PP Exports, Alternative 1 plus CVP PA Sac Feather VAs 102023 minus Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	53	-15	0	0	0	0	0	0	-44	219	105
20% Exceedance	0	-16	-86	0	0	0	0	0	0	248	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	-31	2	1	0	0	0	0	0	0	40	67	22
Wet Water Years (30%)	-18	-2	48	0	0	0	0	0	0	2	0	0
Above Normal Water Years (11%)	-38	0	3	0	0	0	0	0	0	0	0	0
Below Normal Water Years (21%)	-78	8	-22	0	0	0	0	0	0	77	269	37
Dry Water Years (22%)	-13	8	-13	0	0	0	0	0	0	11	48	65
Critical Water Years (16%)	-16	-10	-42	0	0	0	0	0	0	132	0	0

[a] Based on the 100-year simulation period.

* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* Water Year Types results are displayed with water year - year type sorting.

Table 4F-4-5-2a. CVP Banks PP Exports, Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,004	1,308	0	0	0	0	0	0	672	568	892
20% Exceedance	0	369	262	0	0	0	0	0	0	2	0	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	65	225	248	26	0	0	0	5	11	128	100	168
Wet Water Years (30%)	43	137	72	88	0	0	0	18	36	68	0	0
Above Normal Water Years (11%)	38	198	447	0	0	0	0	0	0	0	0	0
Below Normal Water Years (21%)	113	281	467	0	0	0	0	0	0	27	95	759
Dry Water Years (22%)	86	348	314	0	0	0	0	0	0	392	366	37
Critical Water Years (16%)	33	164	62	0	0	0	0	0	0	99	0	0

Table 4F-4-5-2b. CVP Banks PP Exports, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	1,058	1,292	0	0	0	0	0	0	461	801	959
20% Exceedance	0	348	71	0	0	0	0	0	0	213	55	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	49	228	242	26	0	0	0	5	11	154	175	174
Wet Water Years (30%)	26	133	119	87	0	0	0	18	36	68	0	0
Above Normal Water Years (11%)	0	197	451	0	0	0	0	0	0	0	0	0
Below Normal Water Years (21%)	119	289	408	0	0	0	0	0	0	103	373	720
Dry Water Years (22%)	62	357	300	0	0	0	0	0	0	376	440	101
Critical Water Years (16%)	16	171	30	0	0	0	0	0	0	182	0	0

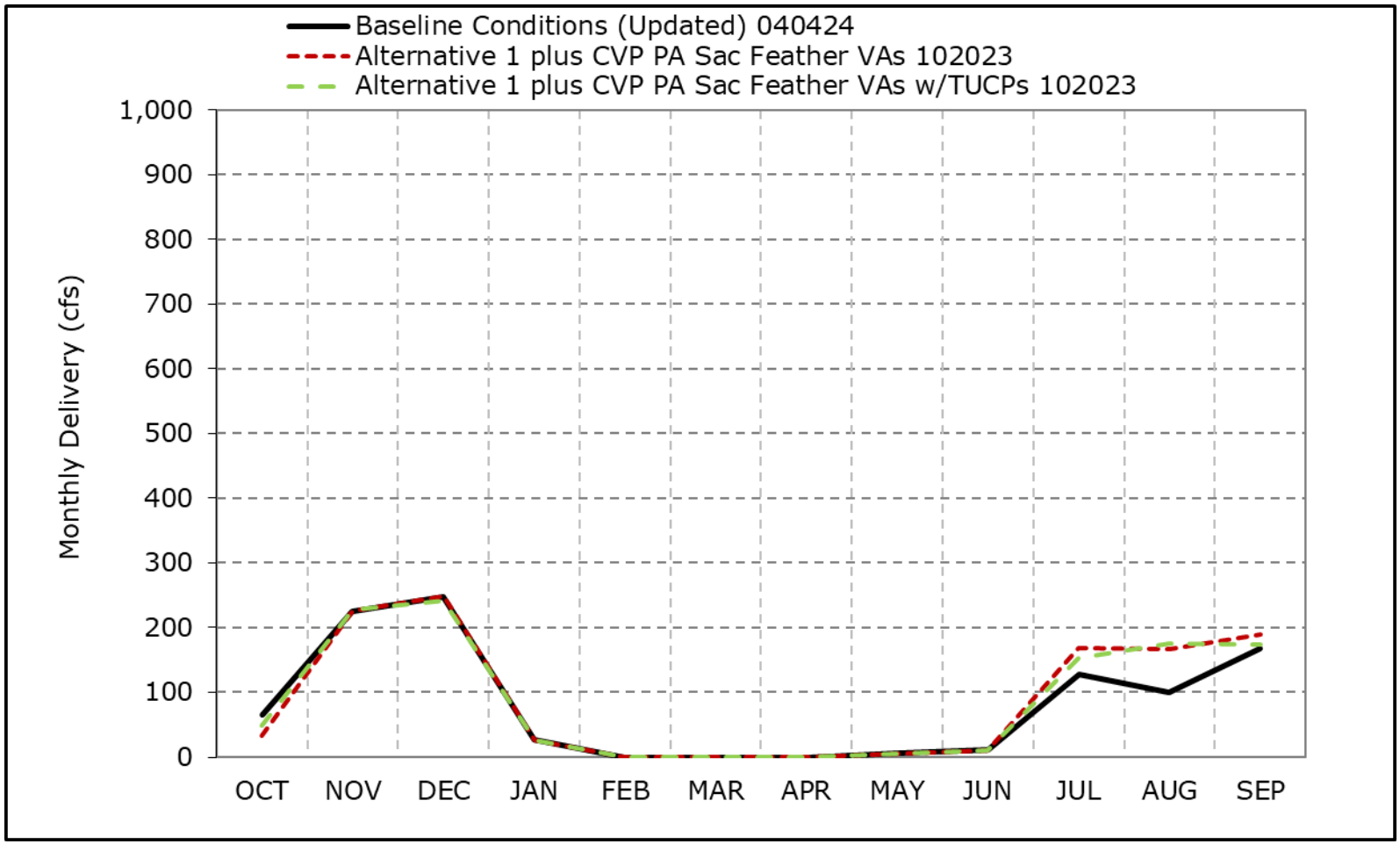
Table 4F-4-5-2c. CVP Banks PP Exports, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023 minus Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	54	-16	0	0	0	0	0	0	-211	232	67
20% Exceedance	0	-21	-192	0	0	0	0	0	0	212	55	0
30% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
40% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
50% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
60% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
70% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
80% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
90% Exceedance	0	0	0	0	0	0	0	0	0	0	0	0
Full Simulation Period Average[a]	-16	4	-6	0	0	0	0	0	0	26	75	6
Wet Water Years (30%)	-18	-4	46	0	0	0	0	0	0	0	0	0
Above Normal Water Years (11%)	-38	0	4	0	0	0	0	0	0	0	0	0
Below Normal Water Years (21%)	6	8	-59	0	0	0	0	0	0	76	278	-39
Dry Water Years (22%)	-24	9	-13	0	0	0	0	0	0	-16	74	65
Critical Water Years (16%)	-16	7	-32	0	0	0	0	0	0	83	0	0

[a] Based on the 100-year simulation period.

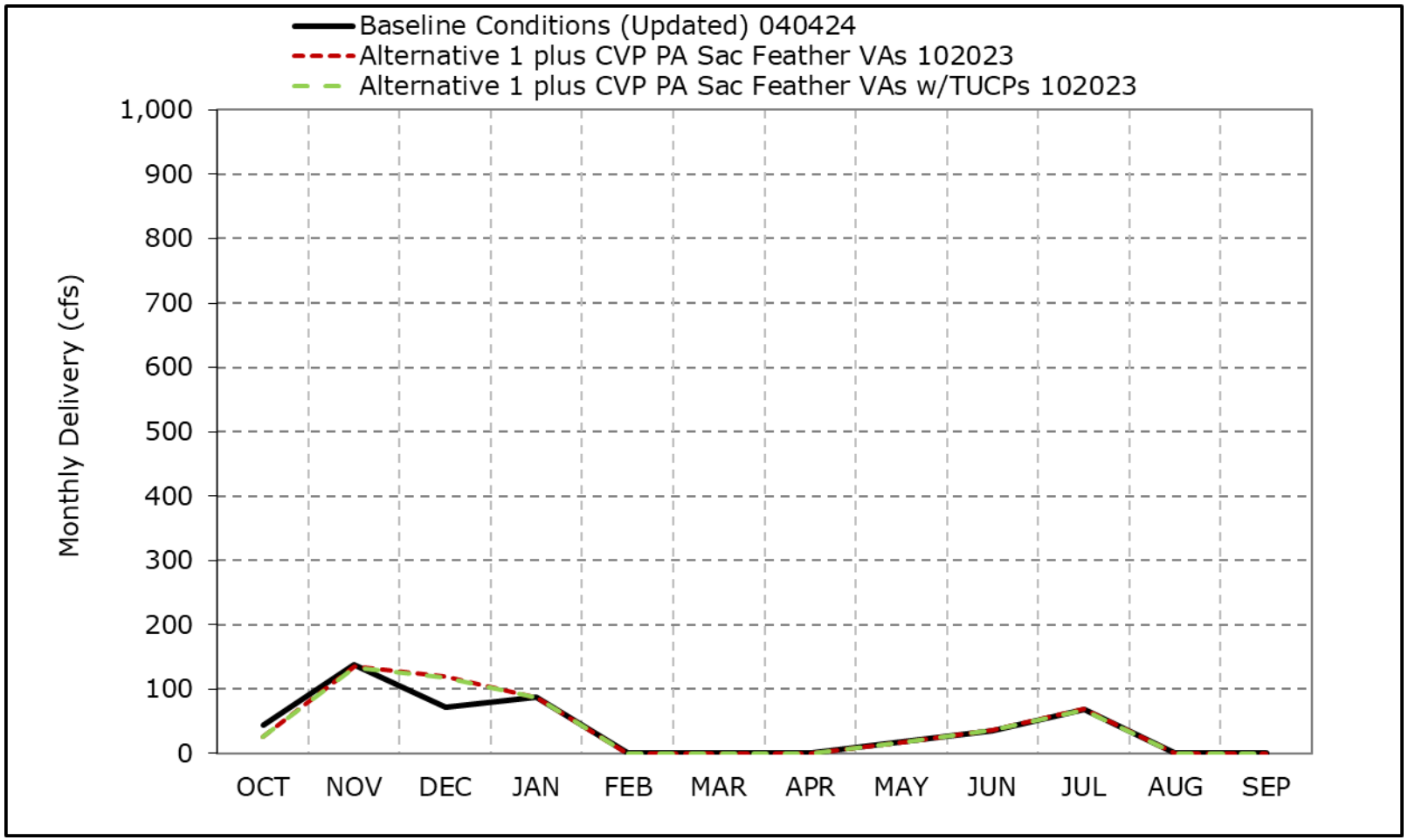
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* Water Year Types results are displayed with water year - year type sorting.

Figure 4F-4-5a. CVP Banks PP Exports, Long-Term Average Delivery



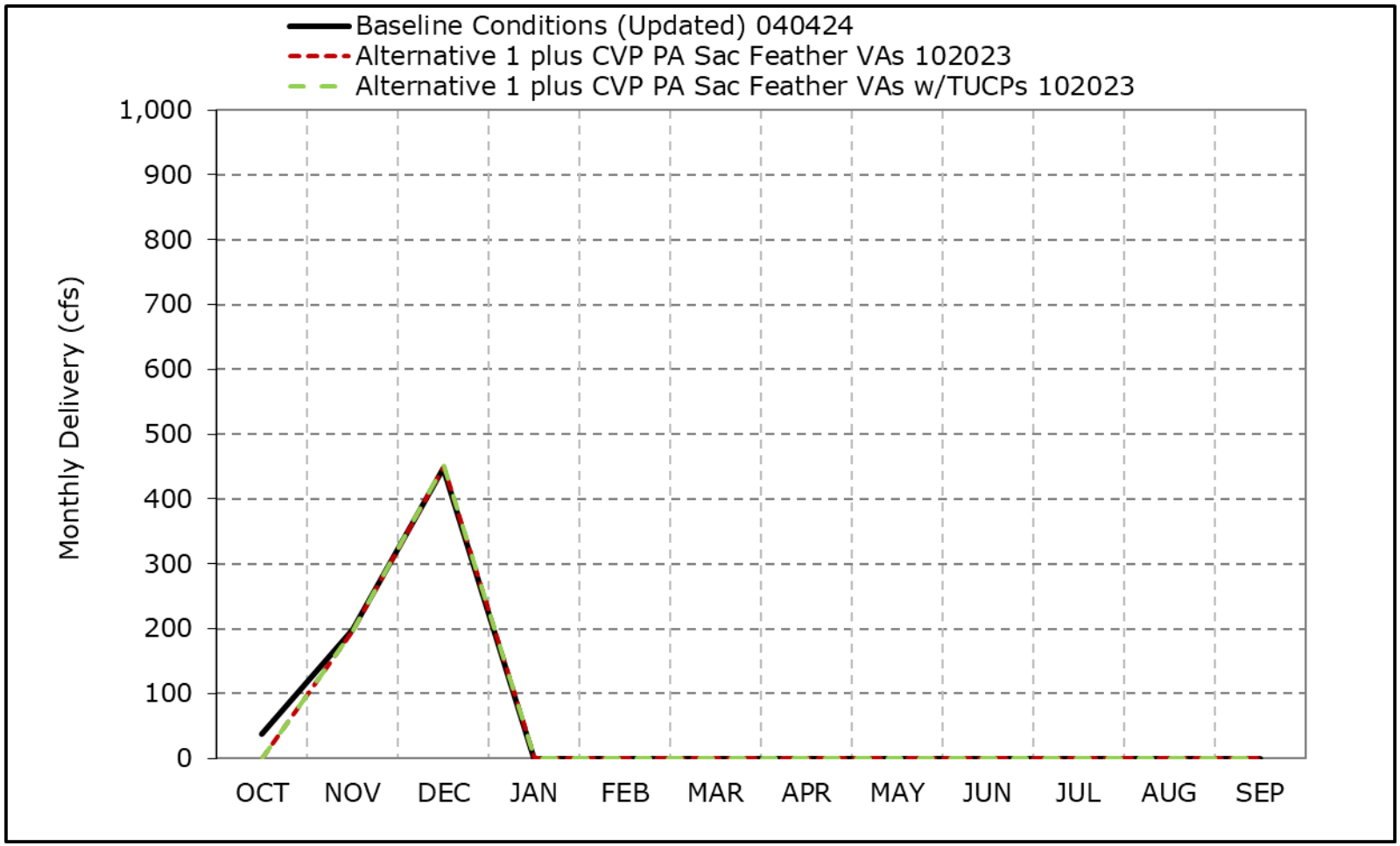
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5b. CVP Banks PP Exports, Wet Year Average Delivery



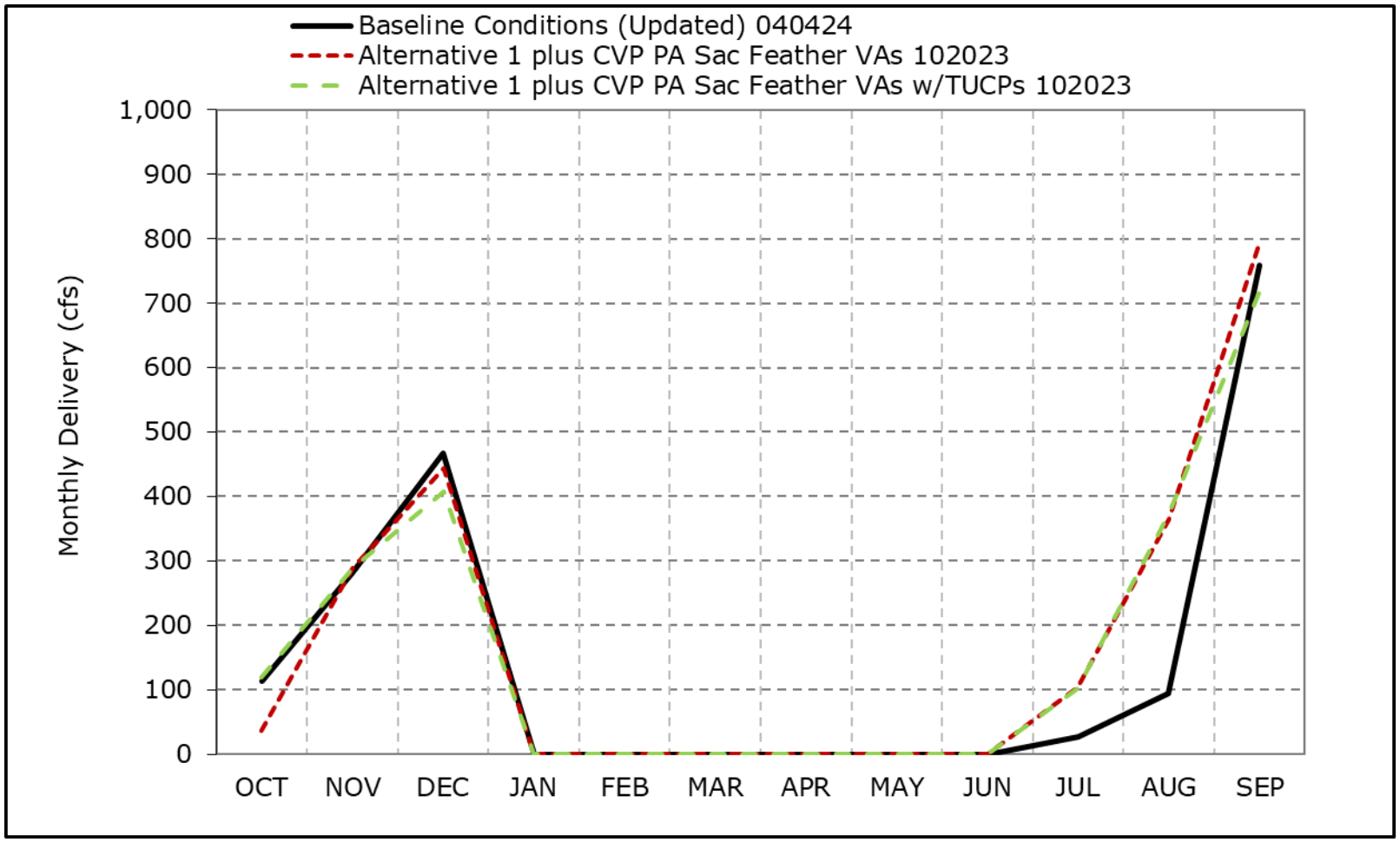
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5c. CVP Banks PP Exports, Above Normal Year Average Delivery



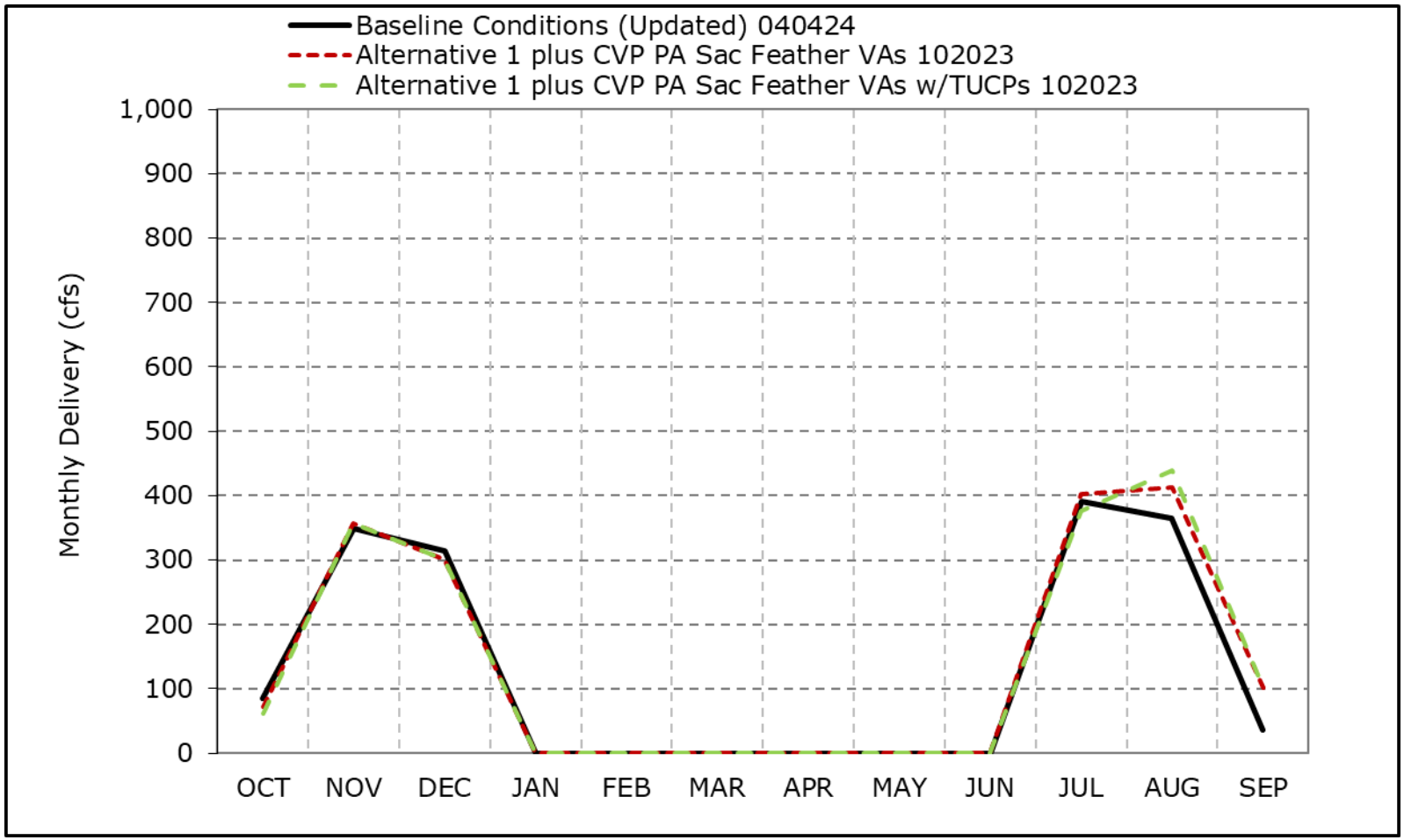
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5d. CVP Banks PP Exports, Below Normal Year Average Delivery



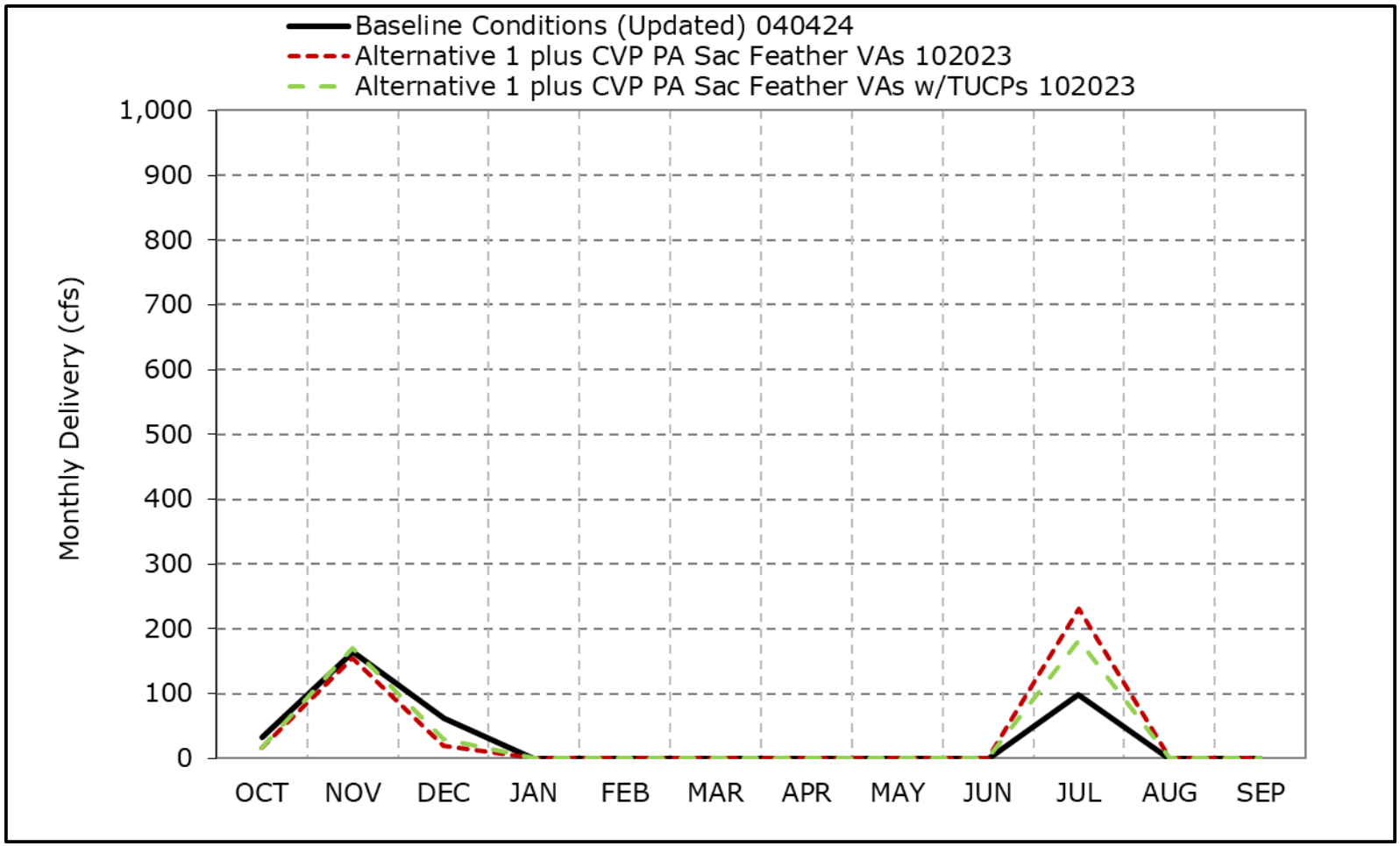
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5e. CVP Banks PP Exports, Dry Year Average Delivery



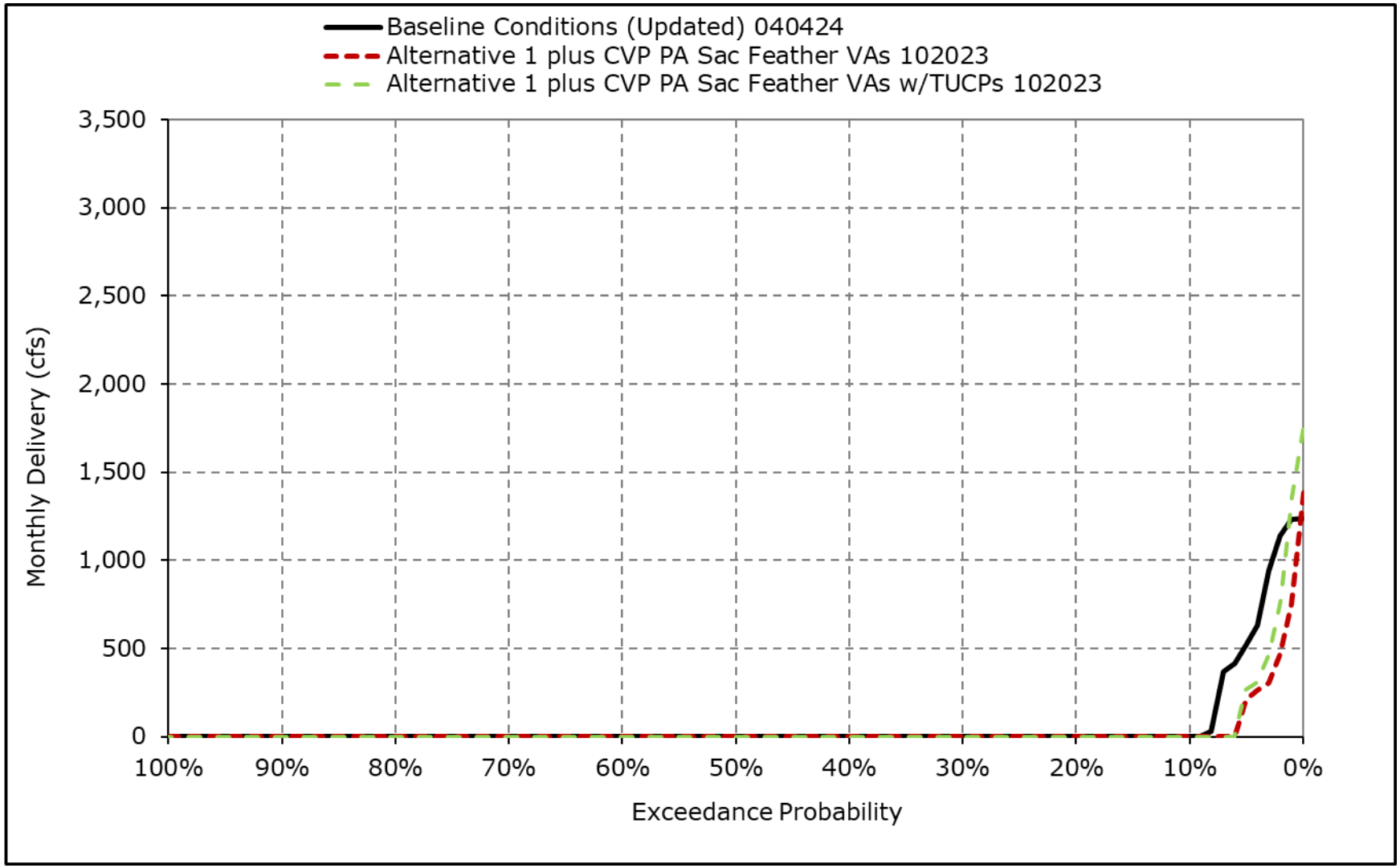
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5f. CVP Banks PP Exports, Critical Year Average Delivery



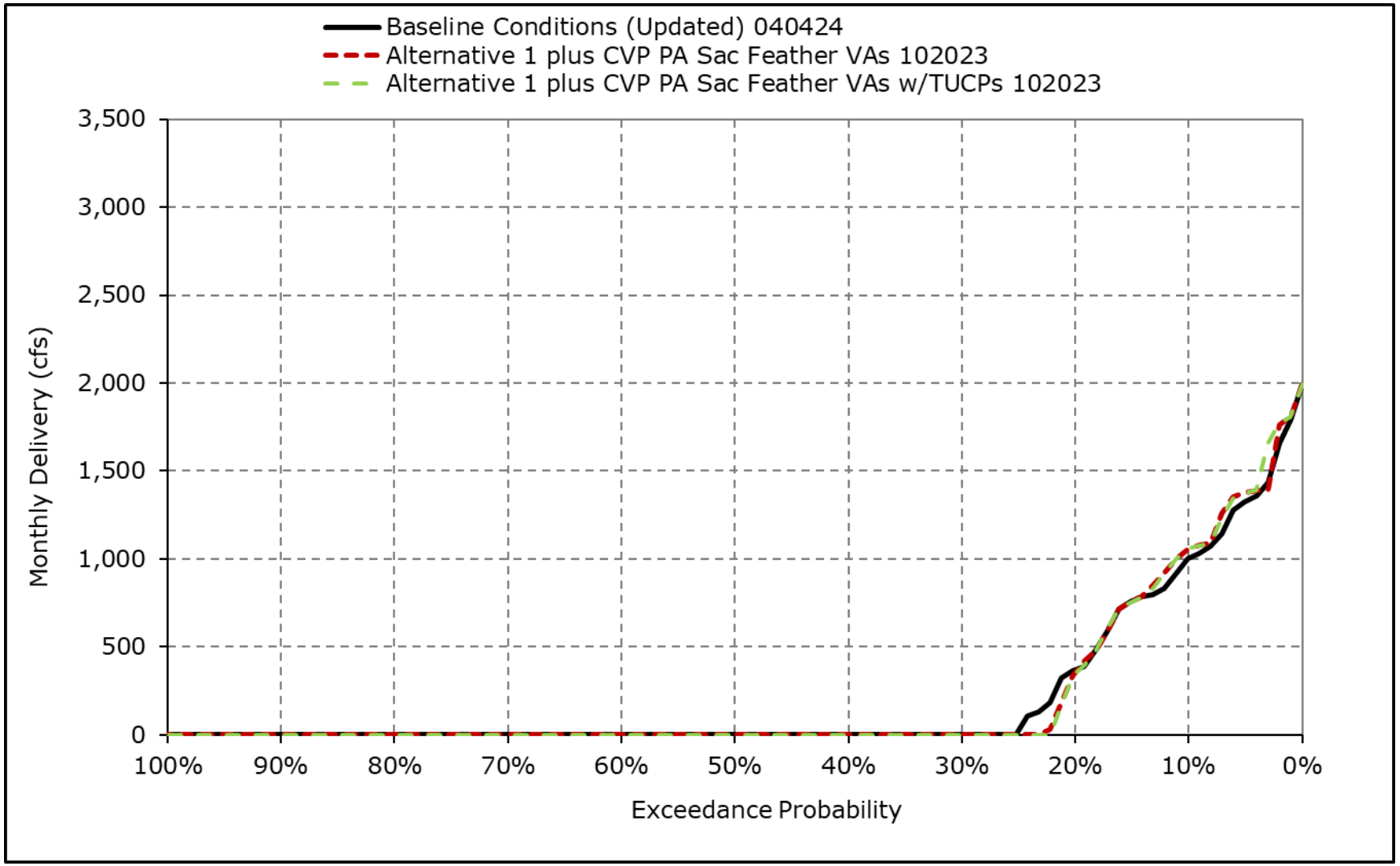
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5g. CVP Banks PP Exports, October



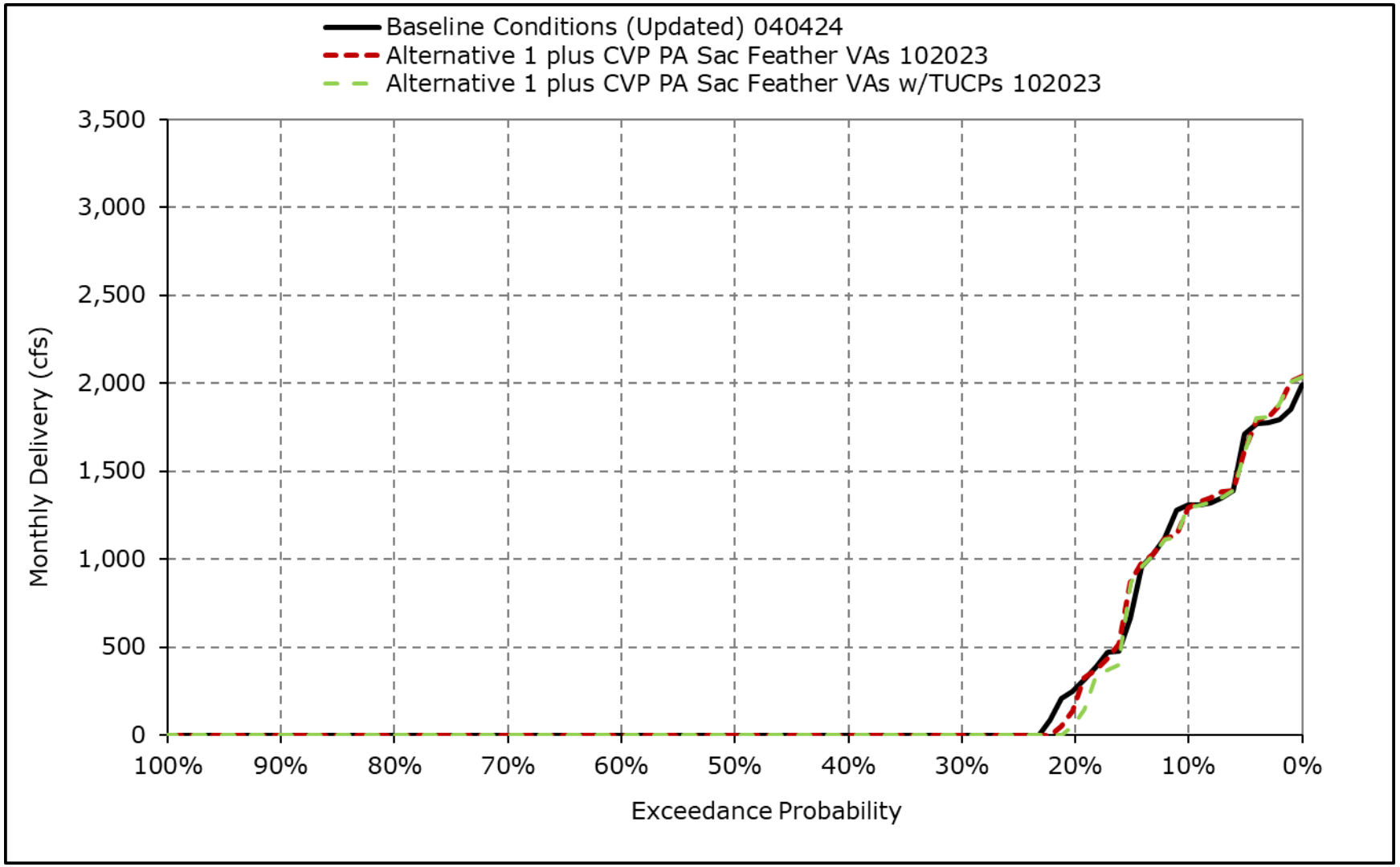
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5h. CVP Banks PP Exports, November



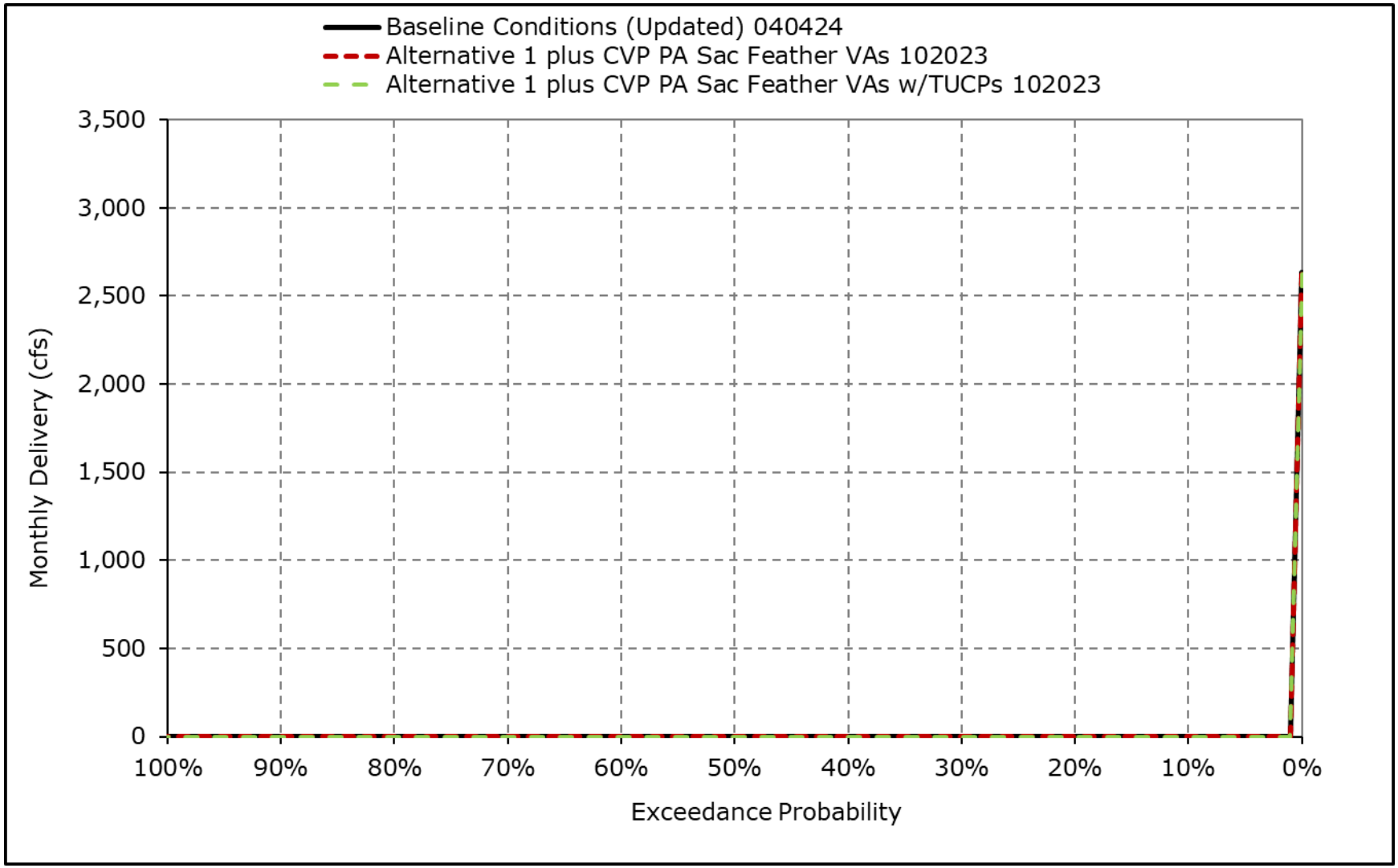
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5i. CVP Banks PP Exports, December



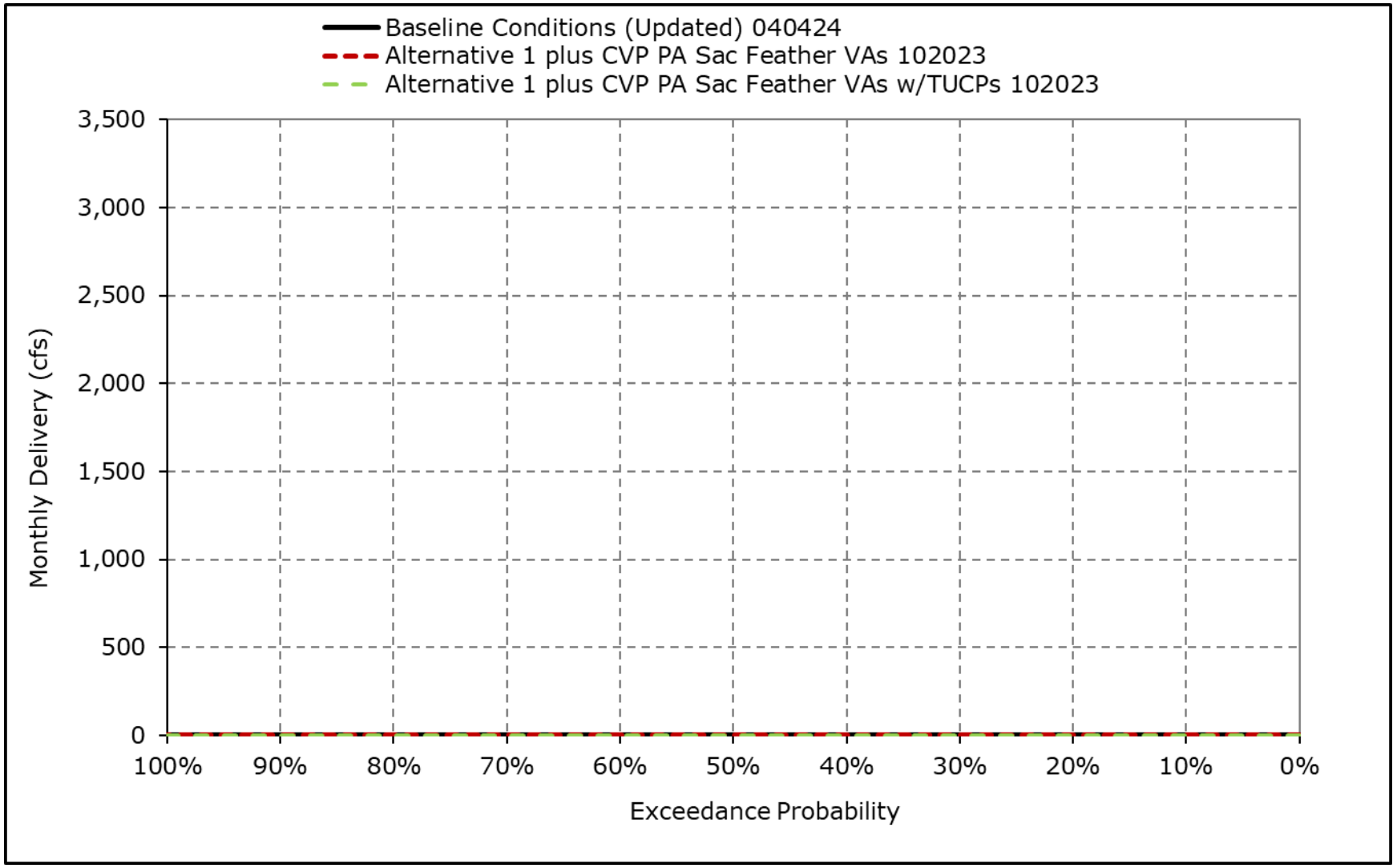
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5j. CVP Banks PP Exports, January



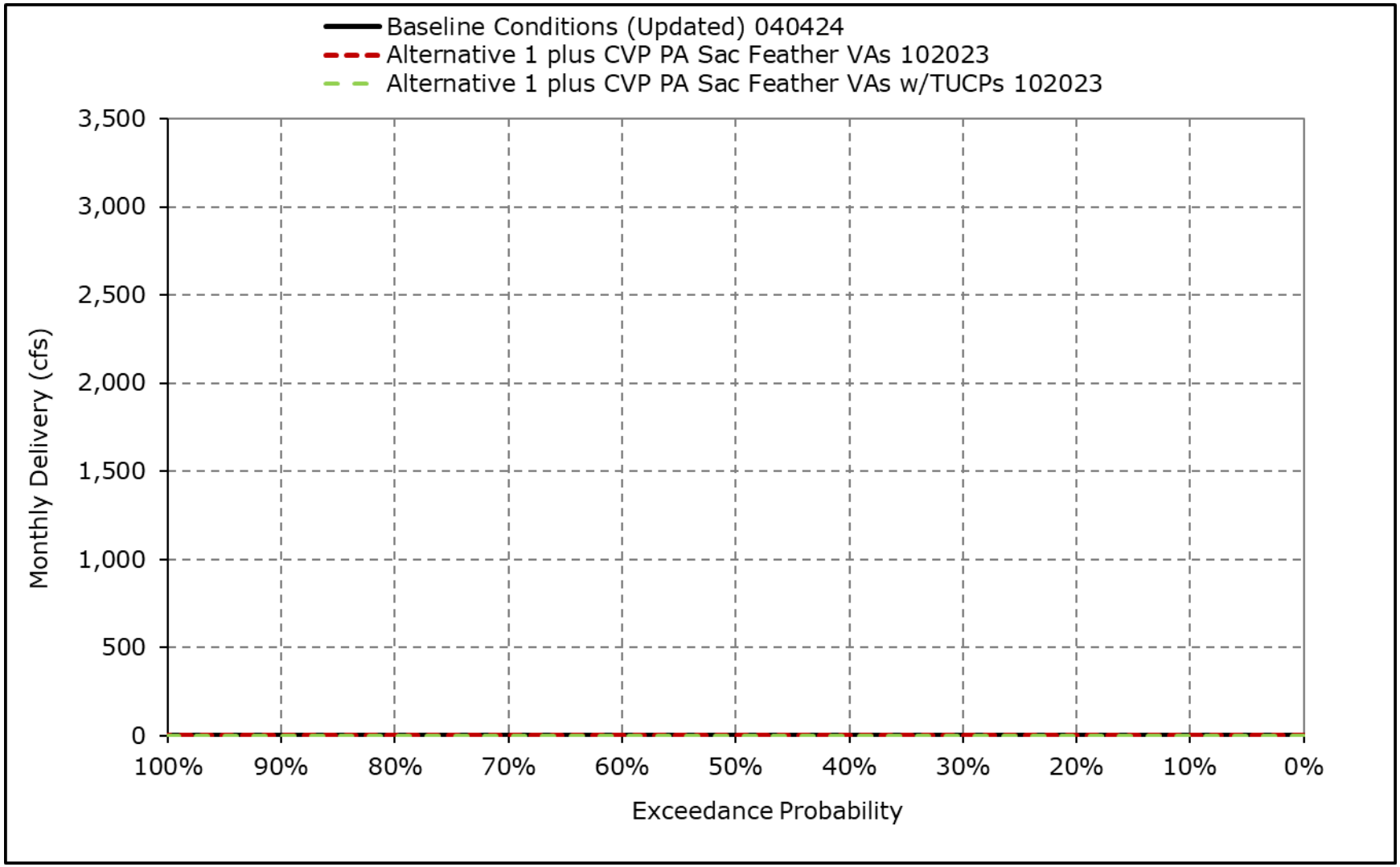
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5k. CVP Banks PP Exports, February



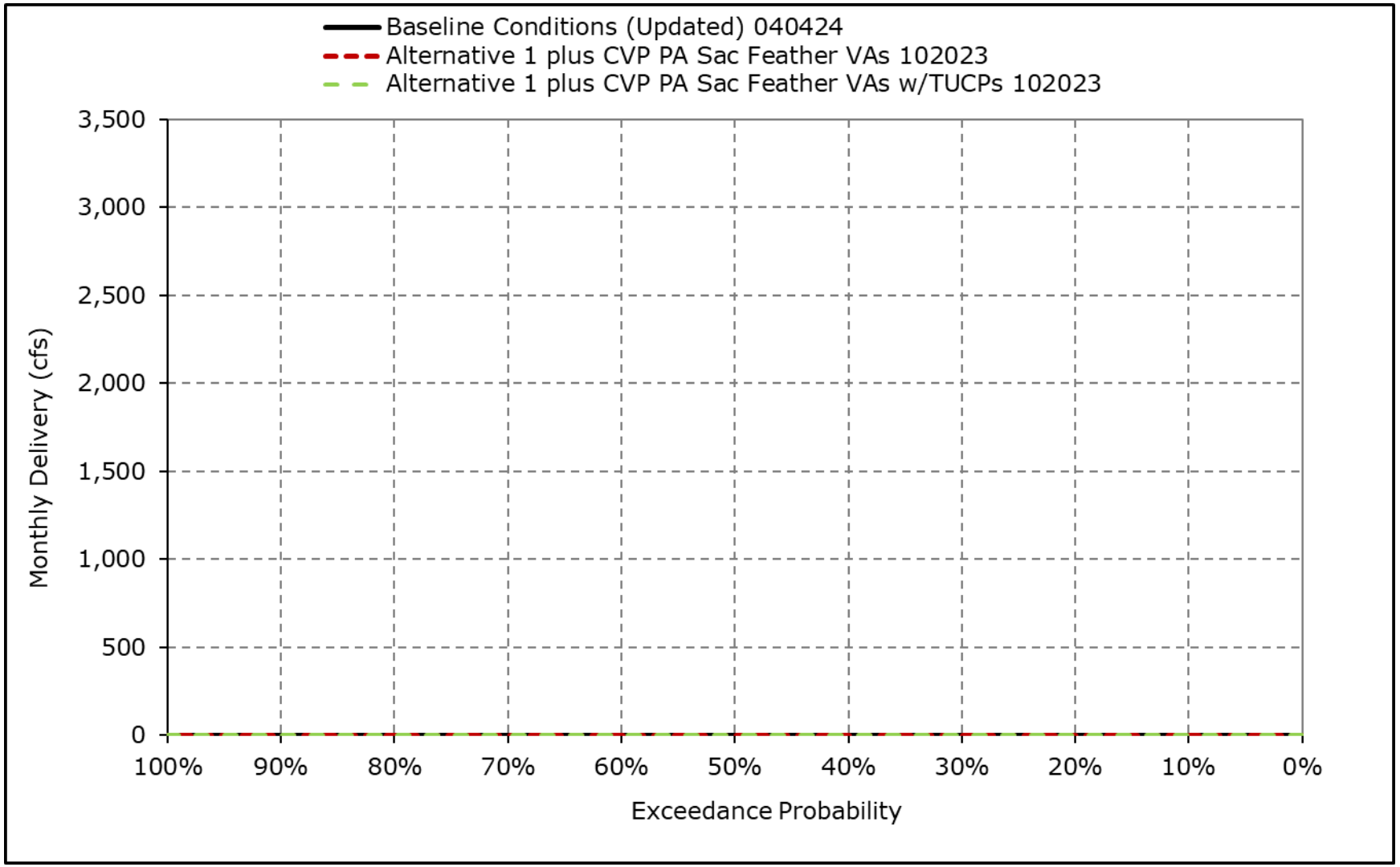
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5l. CVP Banks PP Exports, March



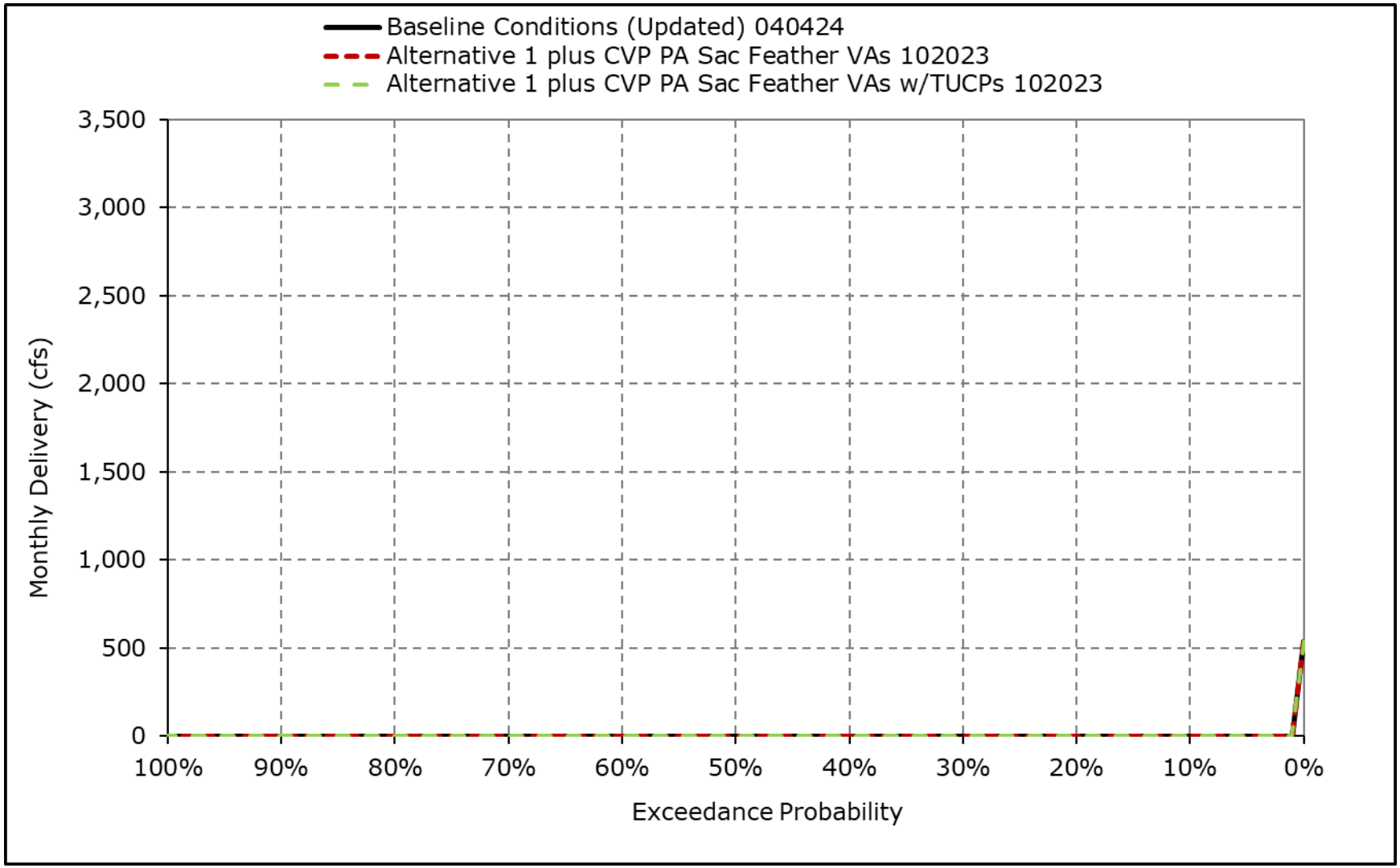
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5m. CVP Banks PP Exports, April



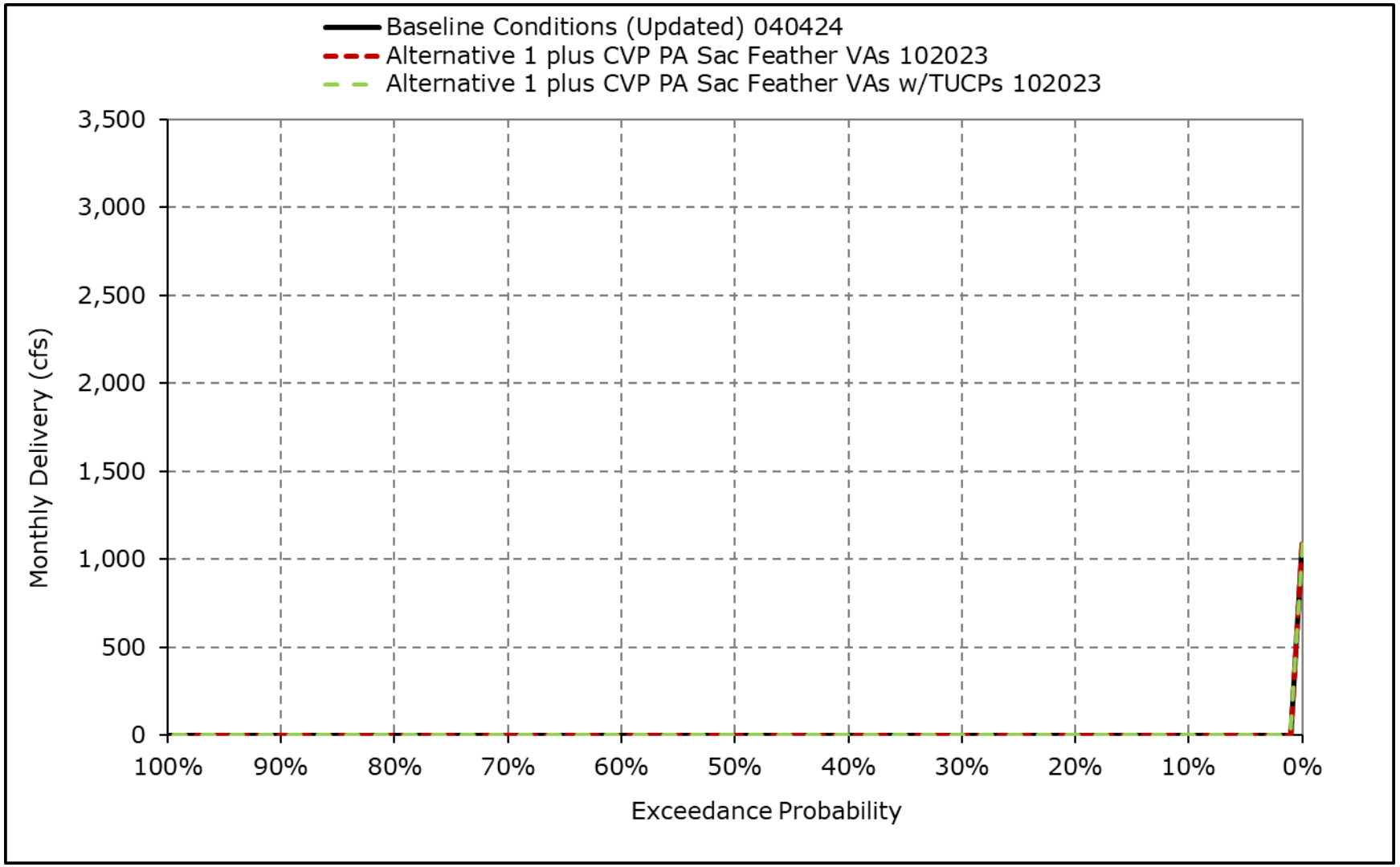
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5n. CVP Banks PP Exports, May



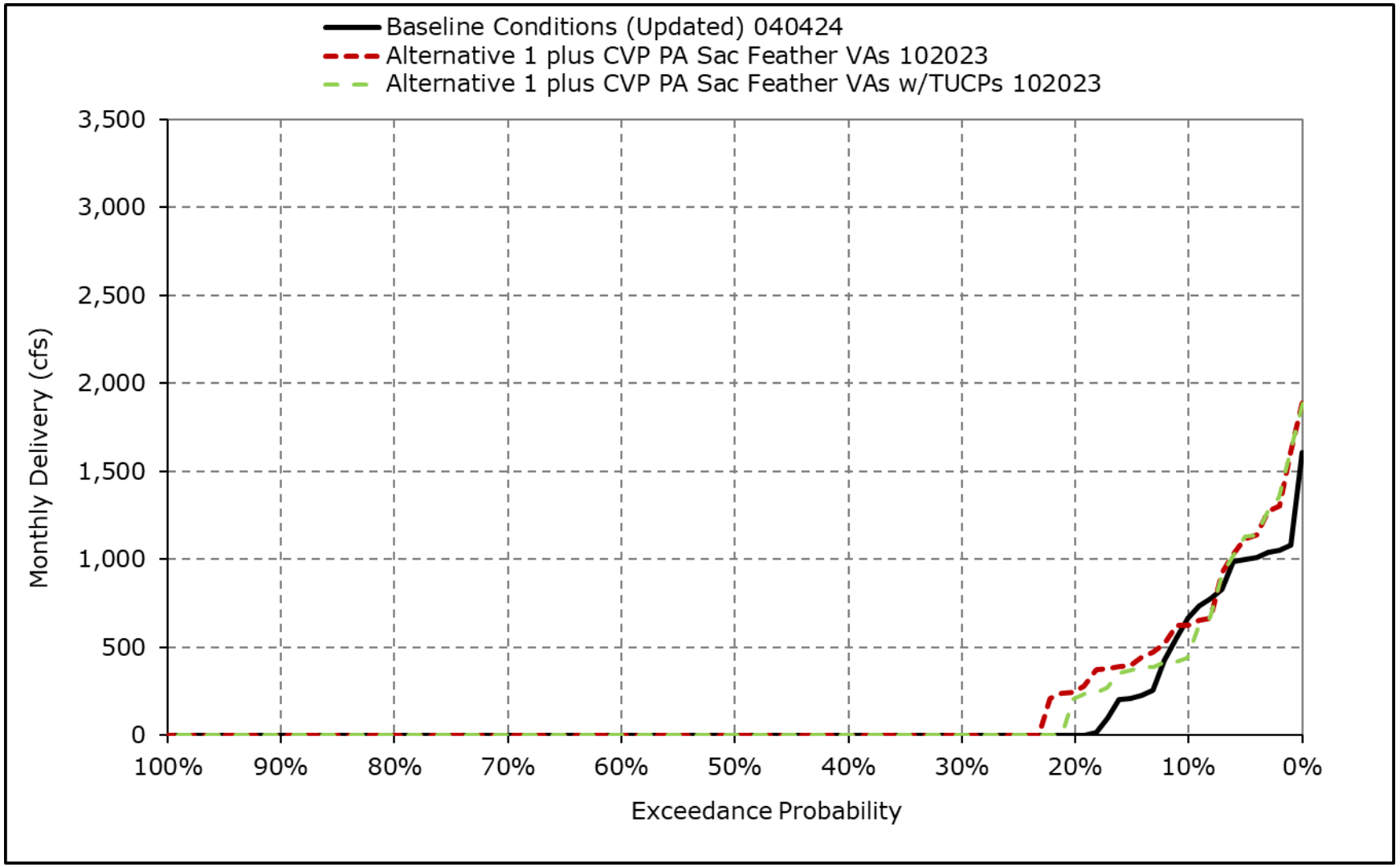
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5o. CVP Banks PP Exports, June



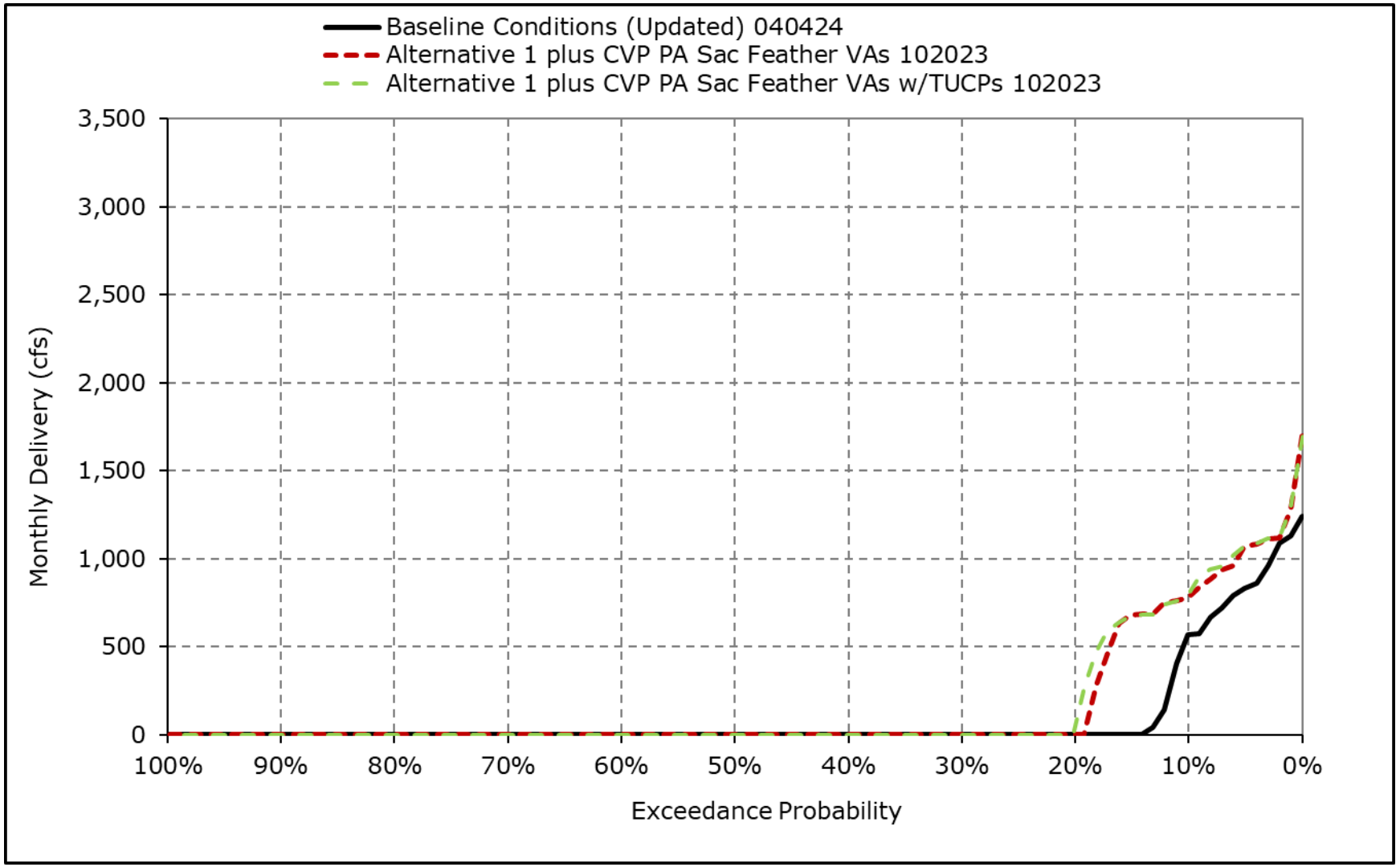
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5p. CVP Banks PP Exports, July



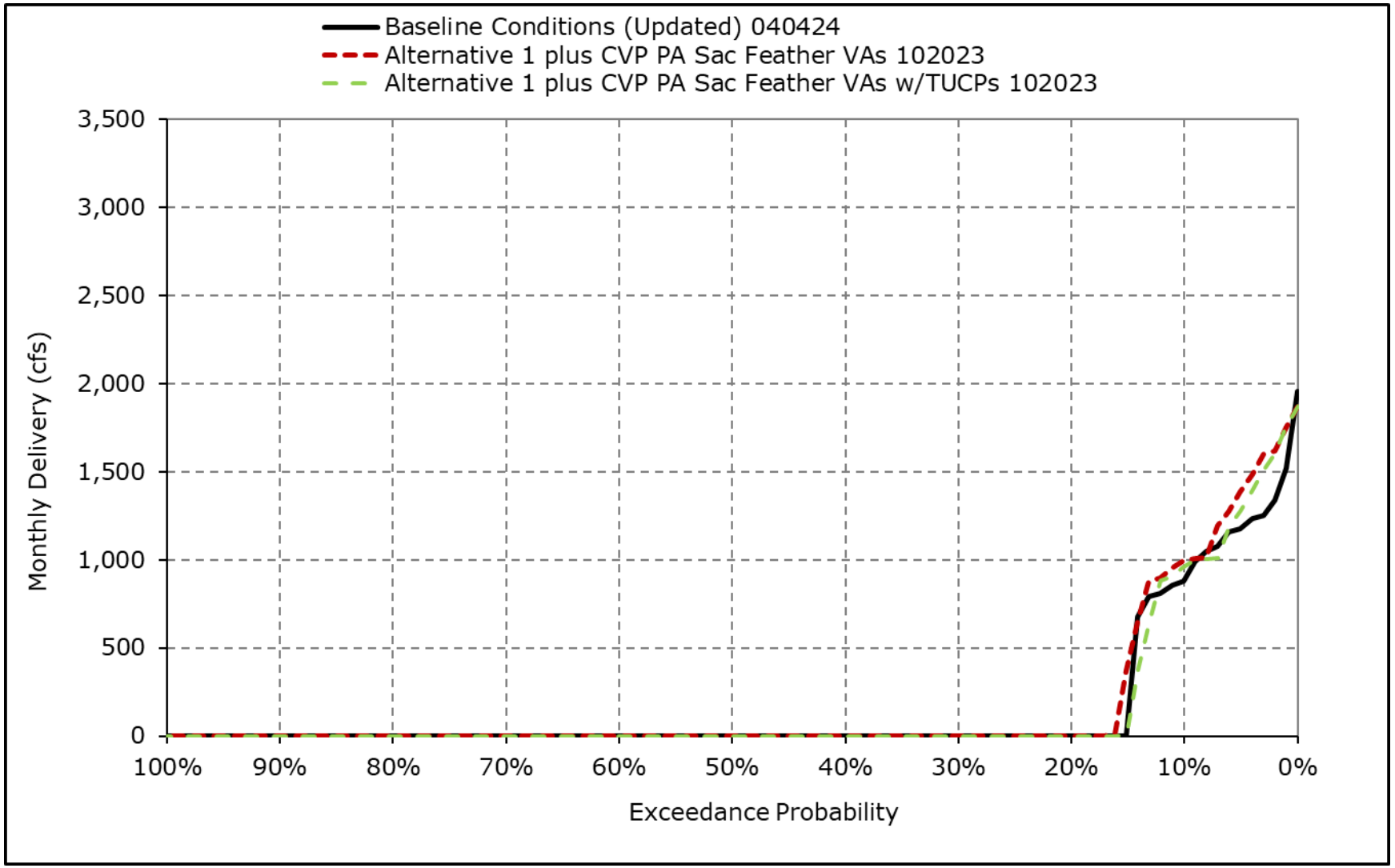
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5q. CVP Banks PP Exports, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-5r. CVP Banks PP Exports, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 4F-4-6-1a. Banks PP Exports, Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6,535	6,680	7,035	4,811	7,168	6,134	5,230	2,988	5,249	7,180	7,180	6,490
20% Exceedance	4,956	6,680	6,328	3,842	5,138	4,588	1,877	2,263	2,805	7,180	7,180	5,836
30% Exceedance	3,874	6,680	5,361	3,347	4,009	3,531	1,104	968	2,487	7,180	6,973	5,836
40% Exceedance	3,457	6,680	4,295	2,989	3,121	2,956	965	798	2,286	7,180	6,855	5,499
50% Exceedance	3,039	5,707	3,764	2,828	2,895	2,544	884	698	2,091	7,180	6,855	4,464
60% Exceedance	2,546	4,056	3,160	2,697	2,677	2,343	799	600	2,014	6,937	6,120	2,695
70% Exceedance	1,880	2,313	2,895	2,562	2,557	2,178	633	600	1,809	6,645	4,464	1,641
80% Exceedance	1,330	1,301	2,674	2,412	2,397	1,997	600	600	1,498	4,362	1,671	1,207
90% Exceedance	812	1,055	2,277	2,200	1,996	1,689	600	600	1,159	1,917	1,256	868
Full Simulation Period Average[a]	3,180	4,452	4,211	3,231	3,840	3,221	1,614	1,343	2,499	5,984	5,244	3,869
Wet Water Years (30%)	4,250	5,719	4,672	4,409	5,935	4,902	3,565	2,573	4,090	7,125	6,802	5,489
Above Normal Water Years (11%)	2,605	4,532	4,748	2,969	3,890	3,308	784	1,197	2,583	6,992	6,996	4,522
Below Normal Water Years (21%)	3,382	4,806	4,464	2,888	3,269	3,085	804	903	2,186	7,044	6,829	5,510
Dry Water Years (22%)	2,985	4,348	4,131	2,666	2,413	2,166	800	681	1,808	6,001	3,599	1,928
Critical Water Years (16%)	1,571	1,699	2,753	2,427	2,590	1,641	711	626	819	1,734	1,303	896

Table 4F-4-6-1b. Banks PP Exports, Alternative 1 plus CVP PA Sac Feather VAs 102023, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6,170	6,680	7,036	4,756	7,281	6,294	5,283	4,657	5,253	7,180	7,180	7,180
20% Exceedance	4,433	6,680	6,227	3,751	5,140	4,727	2,883	2,904	2,799	7,180	7,180	7,180
30% Exceedance	3,813	6,680	5,296	3,314	4,073	3,470	1,974	2,545	2,372	7,180	7,180	7,180
40% Exceedance	3,326	6,680	4,324	2,964	3,006	2,613	1,412	2,294	2,266	7,180	7,180	6,389
50% Exceedance	2,867	5,764	3,812	2,779	2,649	2,279	1,133	1,507	2,048	7,180	7,180	4,618
60% Exceedance	2,101	3,939	3,160	2,574	2,510	2,132	1,003	1,322	1,877	7,180	6,648	2,651
70% Exceedance	1,742	2,465	2,927	2,403	2,397	1,786	762	1,106	1,837	6,884	4,924	1,780
80% Exceedance	1,281	1,358	2,672	2,212	2,300	1,409	600	836	1,509	3,976	1,856	1,449
90% Exceedance	649	803	2,117	2,091	2,122	1,184	600	600	352	2,021	1,261	922
Full Simulation Period Average[a]	2,994	4,467	4,210	3,149	3,738	3,006	1,886	2,136	2,439	6,031	5,447	4,279
Wet Water Years (30%)	4,033	5,786	4,604	4,321	6,026	4,901	3,764	3,854	3,978	7,153	7,144	6,602
Above Normal Water Years (11%)	2,365	4,522	4,937	2,882	3,578	2,923	1,425	2,092	2,358	7,150	7,180	5,412
Below Normal Water Years (21%)	3,125	4,838	4,584	2,741	3,127	2,610	1,328	1,891	2,024	7,068	6,972	5,276
Dry Water Years (22%)	2,860	4,342	4,060	2,653	2,294	1,818	843	962	2,017	5,981	3,818	2,018
Critical Water Years (16%)	1,492	1,638	2,690	2,352	2,348	1,666	848	880	734	1,869	1,315	948

Table 4F-4-6-1c. Banks PP Exports, Alternative 1 plus CVP PA Sac Feather VAs 102023 minus Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-365	0	1	-56	113	160	54	1,669	4	0	0	690
20% Exceedance	-522	0	-101	-90	2	139	1,007	641	-5	0	0	1,344
30% Exceedance	-61	0	-65	-33	64	-61	870	1,577	-115	0	207	1,344
40% Exceedance	-130	0	30	-25	-114	-343	446	1,495	-20	0	325	890
50% Exceedance	-173	57	47	-50	-246	-265	248	808	-43	0	325	154
60% Exceedance	-446	-117	0	-123	-166	-211	205	722	-137	243	528	-45
70% Exceedance	-137	151	32	-158	-159	-392	128	506	28	239	460	139
80% Exceedance	-49	57	-2	-200	-97	-588	0	236	10	-386	185	242
90% Exceedance	-163	-252	-160	-109	126	-505	0	0	-807	104	5	54
Full Simulation Period Average[a]	-185	15	0	-82	-102	-215	272	792	-60	48	203	410
Wet Water Years (30%)	-216	67	-68	-88	91	-2	199	1,281	-112	27	342	1,113
Above Normal Water Years (11%)	-240	-10	189	-87	-313	-385	641	895	-226	158	184	890
Below Normal Water Years (21%)	-257	31	120	-147	-142	-475	524	988	-162	23	143	-234
Dry Water Years (22%)	-124	-5	-71	-13	-119	-348	44	281	209	-20	219	89
Critical Water Years (16%)	-79	-61	-63	-75	-242	25	137	254	-85	134	12	51

[a] Based on the 100-year simulation period.

* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* Water Year Types results are displayed with water year - year type sorting.

Table 4F-4-6-2a. Banks PP Exports, Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6,535	6,680	7,035	4,811	7,168	6,134	5,230	2,988	5,249	7,180	7,180	6,490
20% Exceedance	4,956	6,680	6,328	3,842	5,138	4,588	1,877	2,263	2,805	7,180	7,180	5,836
30% Exceedance	3,874	6,680	5,361	3,347	4,009	3,531	1,104	968	2,487	7,180	6,973	5,836
40% Exceedance	3,457	6,680	4,295	2,989	3,121	2,956	965	798	2,286	7,180	6,855	5,499
50% Exceedance	3,039	5,707	3,764	2,828	2,895	2,544	884	698	2,091	7,180	6,855	4,464
60% Exceedance	2,546	4,056	3,160	2,697	2,677	2,343	799	600	2,014	6,937	6,120	2,695
70% Exceedance	1,880	2,313	2,895	2,562	2,557	2,178	633	600	1,809	6,645	4,464	1,641
80% Exceedance	1,330	1,301	2,674	2,412	2,397	1,997	600	600	1,498	4,362	1,671	1,207
90% Exceedance	812	1,055	2,277	2,200	1,996	1,689	600	600	1,159	1,917	1,256	868
Full Simulation Period Average[a]	3,180	4,452	4,211	3,231	3,840	3,221	1,614	1,343	2,499	5,984	5,244	3,869
Wet Water Years (30%)	4,250	5,719	4,672	4,409	5,935	4,902	3,565	2,573	4,090	7,125	6,802	5,489
Above Normal Water Years (11%)	2,605	4,532	4,748	2,969	3,890	3,308	784	1,197	2,583	6,992	6,996	4,522
Below Normal Water Years (21%)	3,382	4,806	4,464	2,888	3,269	3,085	804	903	2,186	7,044	6,829	5,510
Dry Water Years (22%)	2,985	4,348	4,131	2,666	2,413	2,166	800	681	1,808	6,001	3,599	1,928
Critical Water Years (16%)	1,571	1,699	2,753	2,427	2,590	1,641	711	626	819	1,734	1,303	896

Table 4F-4-6-2b. Banks PP Exports, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	6,365	6,680	7,036	4,772	7,280	6,294	5,283	4,655	5,252	7,180	7,180	7,180
20% Exceedance	4,623	6,680	6,286	3,752	5,141	4,698	2,884	2,962	2,799	7,180	7,180	7,180
30% Exceedance	3,934	6,680	5,274	3,297	4,188	3,467	1,974	2,544	2,391	7,180	7,180	7,180
40% Exceedance	3,419	6,680	4,396	2,993	3,040	2,768	1,502	2,302	2,277	7,180	7,180	6,417
50% Exceedance	2,994	5,832	3,811	2,777	2,690	2,350	1,149	1,507	2,076	7,180	7,180	4,680
60% Exceedance	2,288	3,940	3,165	2,568	2,526	2,152	952	1,311	1,894	7,180	6,649	2,644
70% Exceedance	1,803	2,751	2,931	2,425	2,397	1,840	692	1,106	1,840	6,914	4,916	1,717
80% Exceedance	1,340	1,633	2,723	2,204	2,295	1,455	600	853	1,567	4,037	1,779	1,317
90% Exceedance	833	973	2,306	2,058	2,123	1,184	600	600	346	1,803	1,168	899
Full Simulation Period Average[a]	3,106	4,521	4,244	3,158	3,765	3,037	1,891	2,155	2,458	5,975	5,416	4,261
Wet Water Years (30%)	4,037	5,789	4,598	4,321	6,025	4,892	3,763	3,861	3,977	7,152	7,144	6,604
Above Normal Water Years (11%)	2,306	4,511	5,065	2,879	3,573	2,922	1,447	2,084	2,362	7,150	7,180	5,403
Below Normal Water Years (21%)	3,263	4,862	4,567	2,749	3,127	2,606	1,375	1,892	2,022	7,080	6,995	5,356
Dry Water Years (22%)	2,888	4,374	4,094	2,657	2,294	1,818	844	961	2,022	6,012	3,888	2,025
Critical Water Years (16%)	2,003	1,907	2,795	2,395	2,523	1,879	804	992	844	1,460	989	721

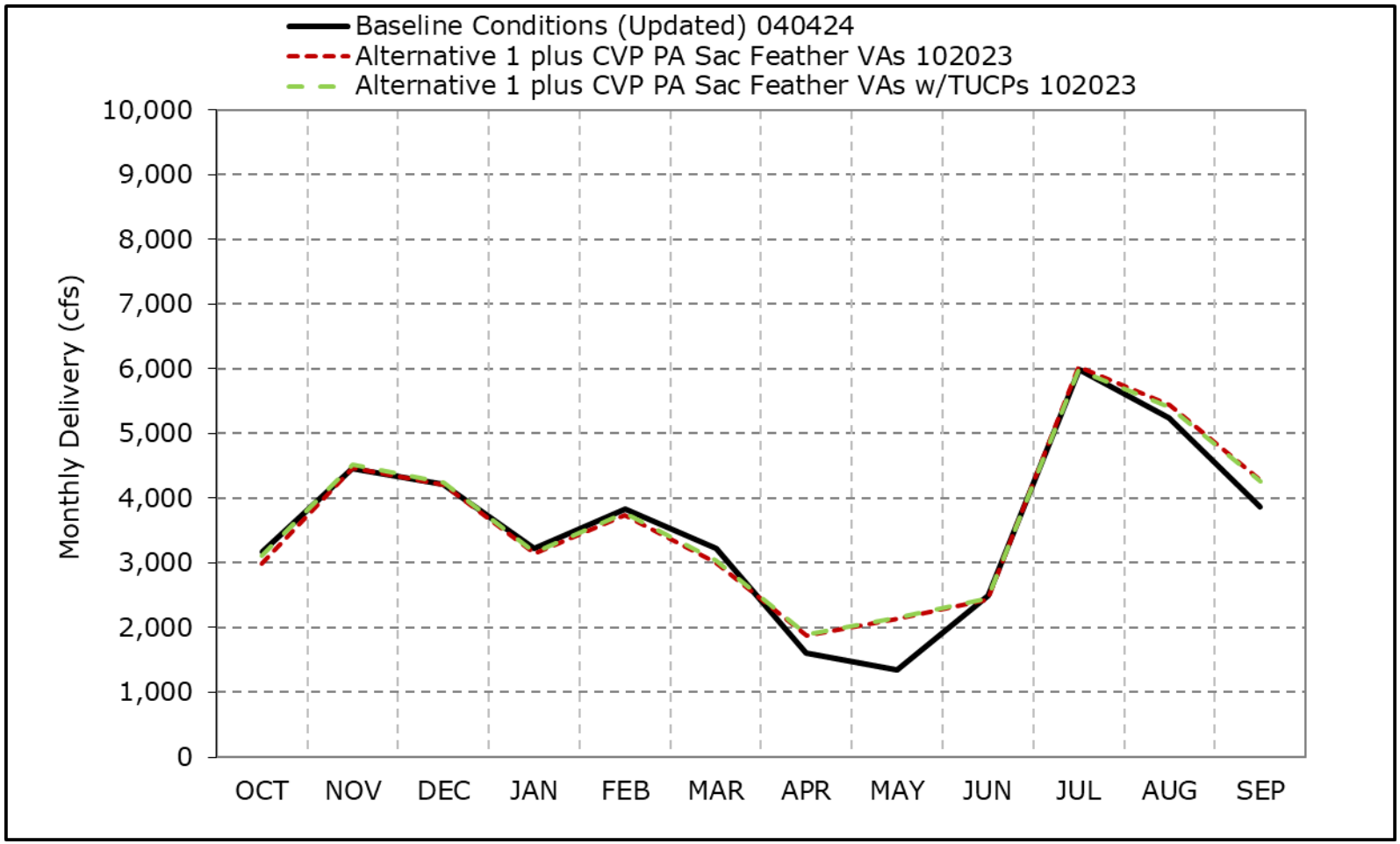
Table 4F-4-6-2c. Banks PP Exports, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023 minus Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-170	0	1	-39	111	160	53	1,667	4	0	0	690
20% Exceedance	-333	0	-42	-90	3	110	1,007	699	-6	0	0	1,344
30% Exceedance	61	0	-87	-50	179	-64	870	1,576	-96	0	207	1,344
40% Exceedance	-37	0	101	3	-81	-188	536	1,504	-9	0	325	918
50% Exceedance	-46	126	47	-51	-205	-194	264	809	-15	0	325	216
60% Exceedance	-259	-116	5	-129	-150	-191	153	711	-120	243	529	-52
70% Exceedance	-76	438	37	-136	-160	-338	59	506	31	269	453	75
80% Exceedance	10	332	50	-208	-102	-542	0	253	68	-325	109	110
90% Exceedance	21	-81	29	-142	126	-504	0	0	-813	-114	-88	31
Full Simulation Period Average[a]	-74	69	33	-73	-75	-185	277	812	-41	-8	171	392
Wet Water Years (30%)	-212	70	-74	-89	90	-10	198	1,289	-112	27	342	1,115
Above Normal Water Years (11%)	-299	-21	317	-90	-318	-386	663	887	-221	158	184	882
Below Normal Water Years (21%)	-119	55	104	-139	-142	-479	572	989	-164	36	166	-154
Dry Water Years (22%)	-97	26	-37	-9	-119	-348	45	280	214	11	289	96
Critical Water Years (16%)	432	208	42	-32	-67	239	93	366	25	-275	-314	-175

[a] Based on the 100-year simulation period.

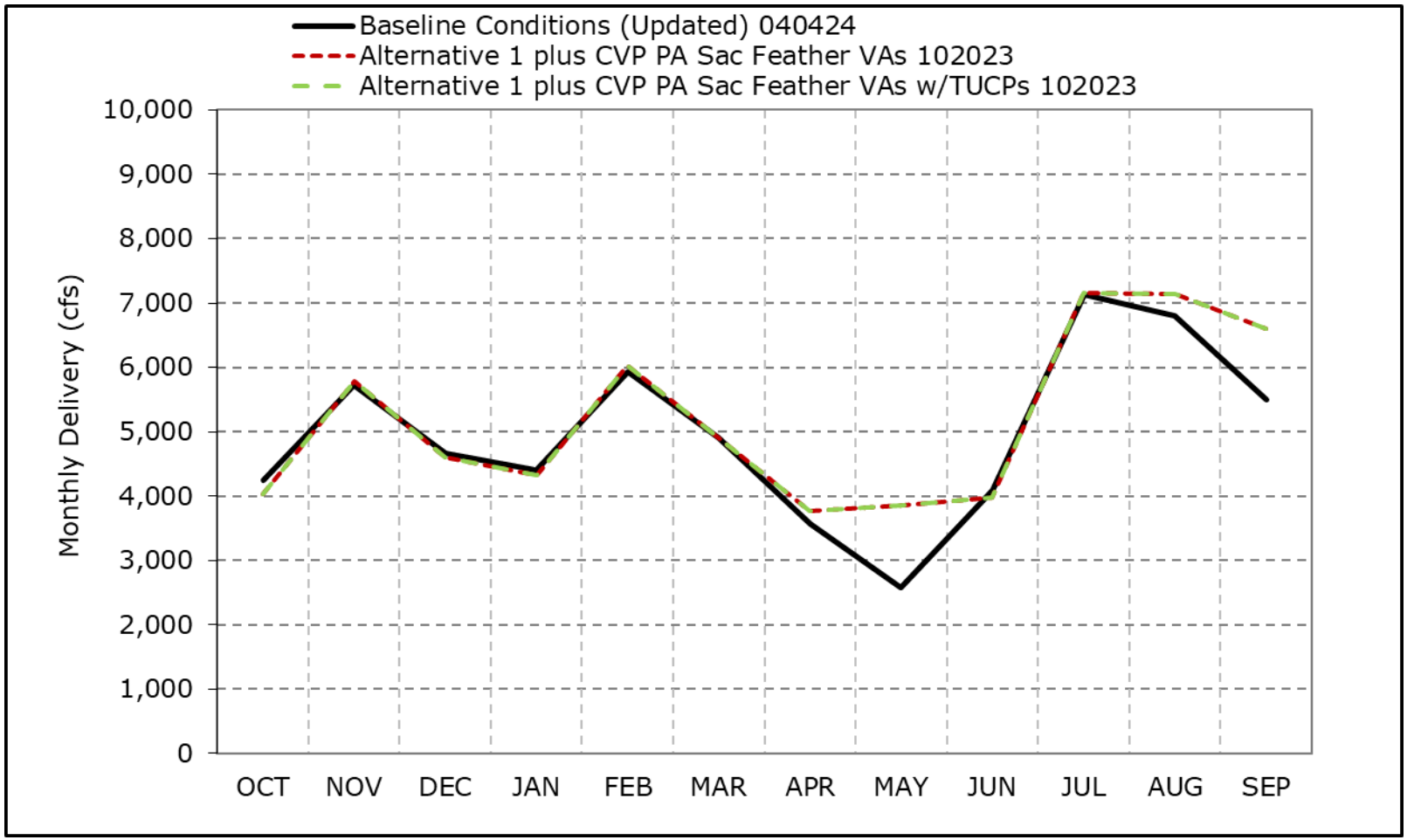
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* Water Year Types results are displayed with water year - year type sorting.

Figure 4F-4-6a. Banks PP Exports, Long-Term Average Delivery



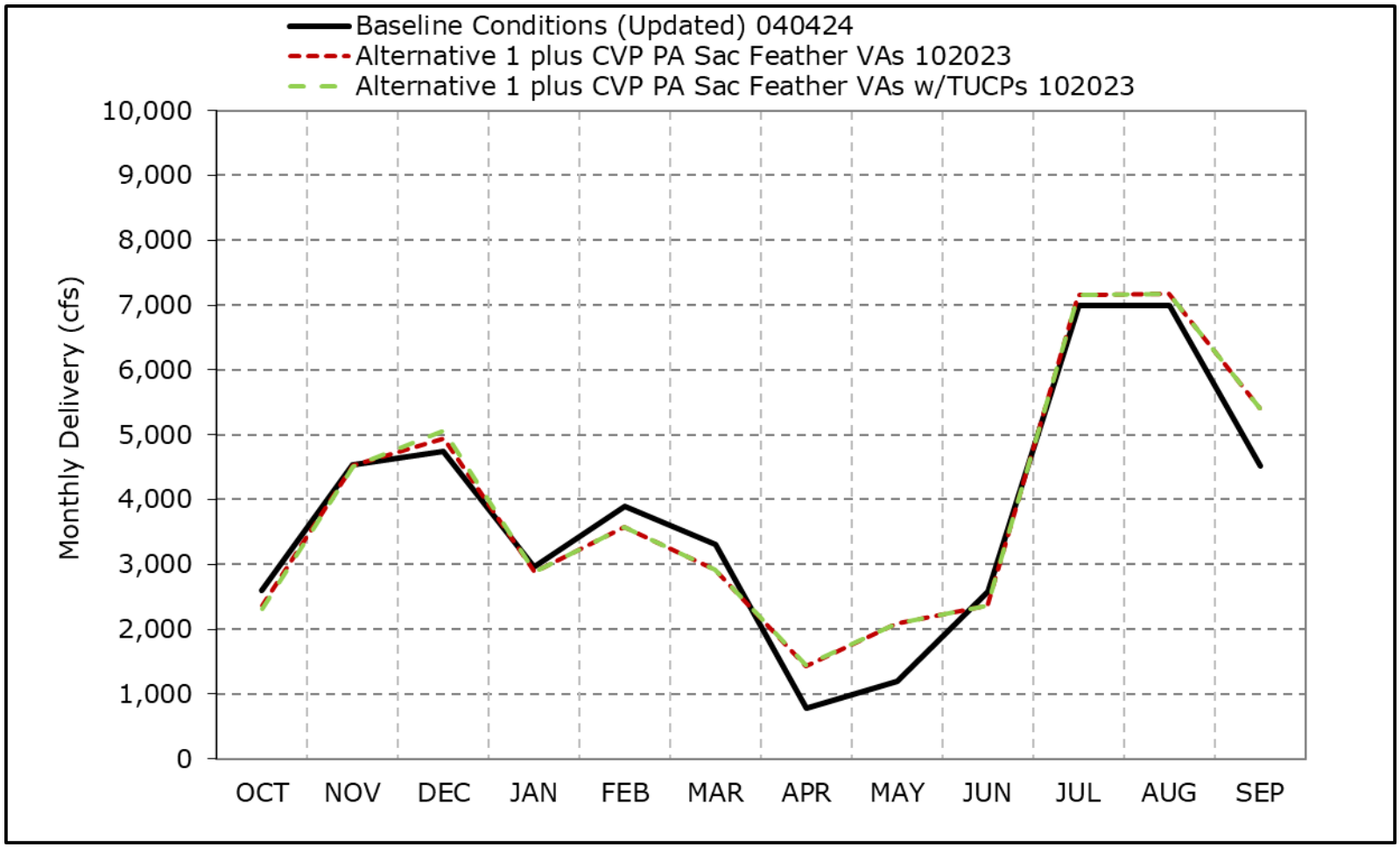
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6b. Banks PP Exports, Wet Year Average Delivery



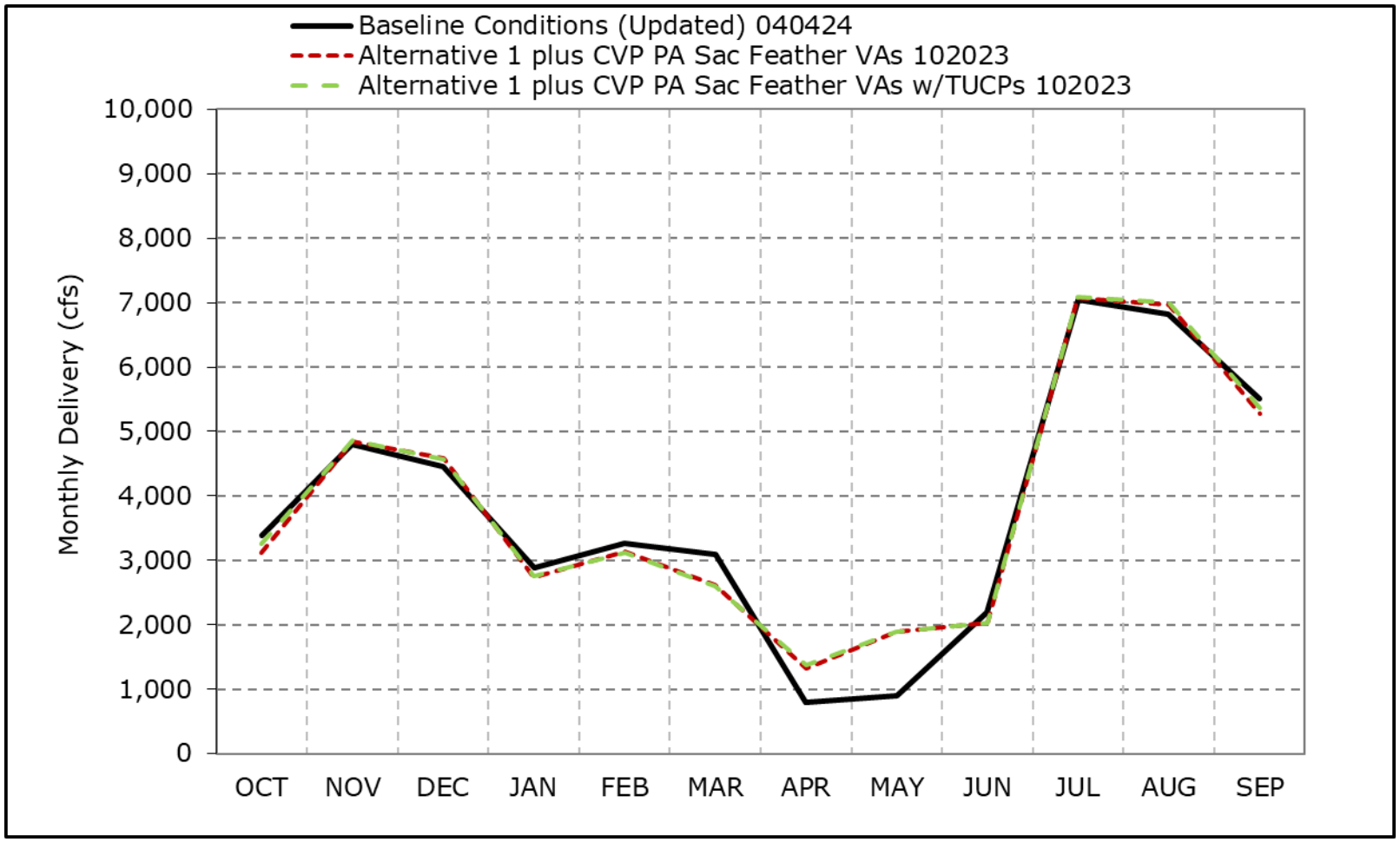
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6c. Banks PP Exports, Above Normal Year Average Delivery



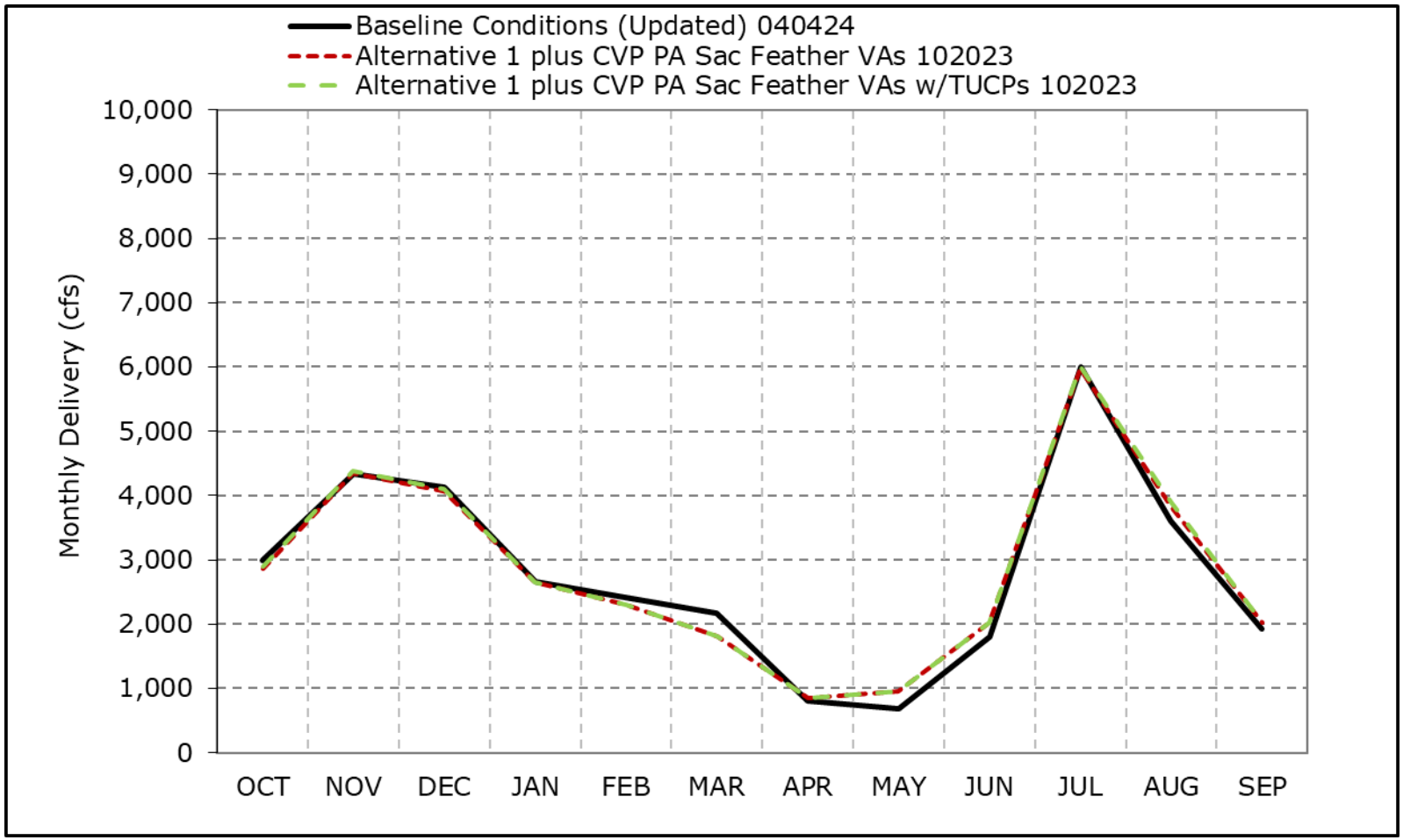
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6d. Banks PP Exports, Below Normal Year Average Delivery



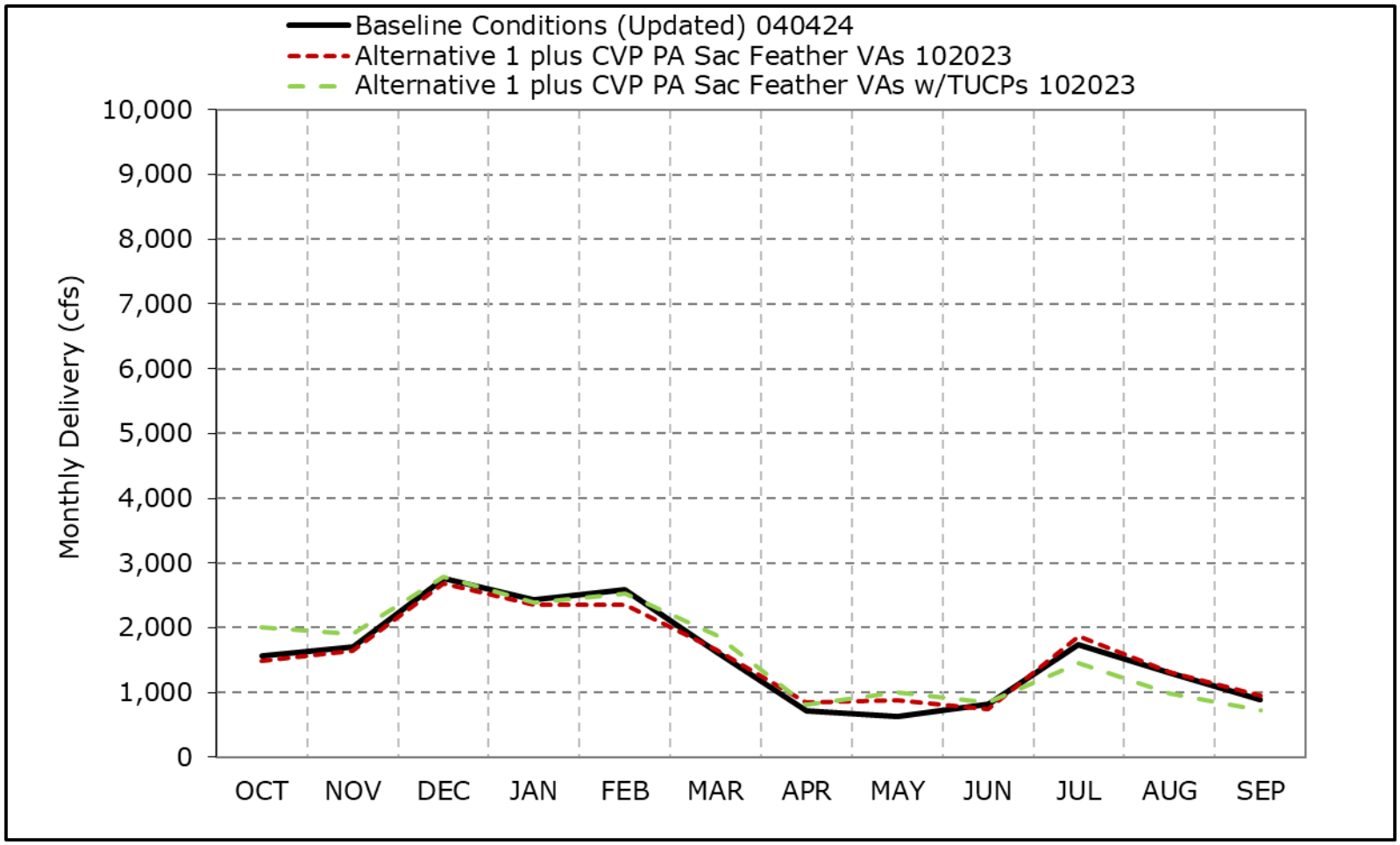
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6e. Banks PP Exports, Dry Year Average Delivery



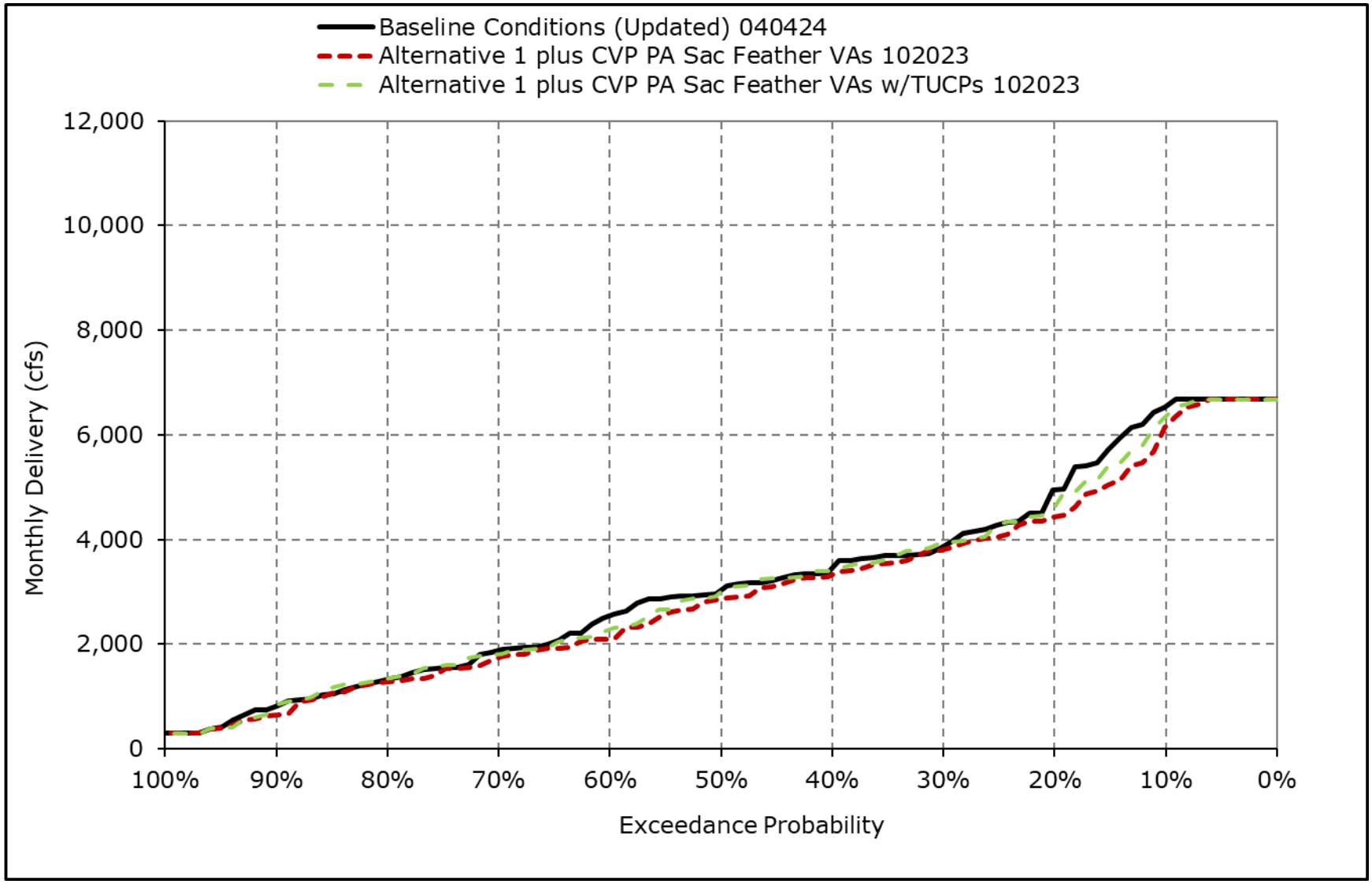
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6f. Banks PP Exports, Critical Year Average Delivery



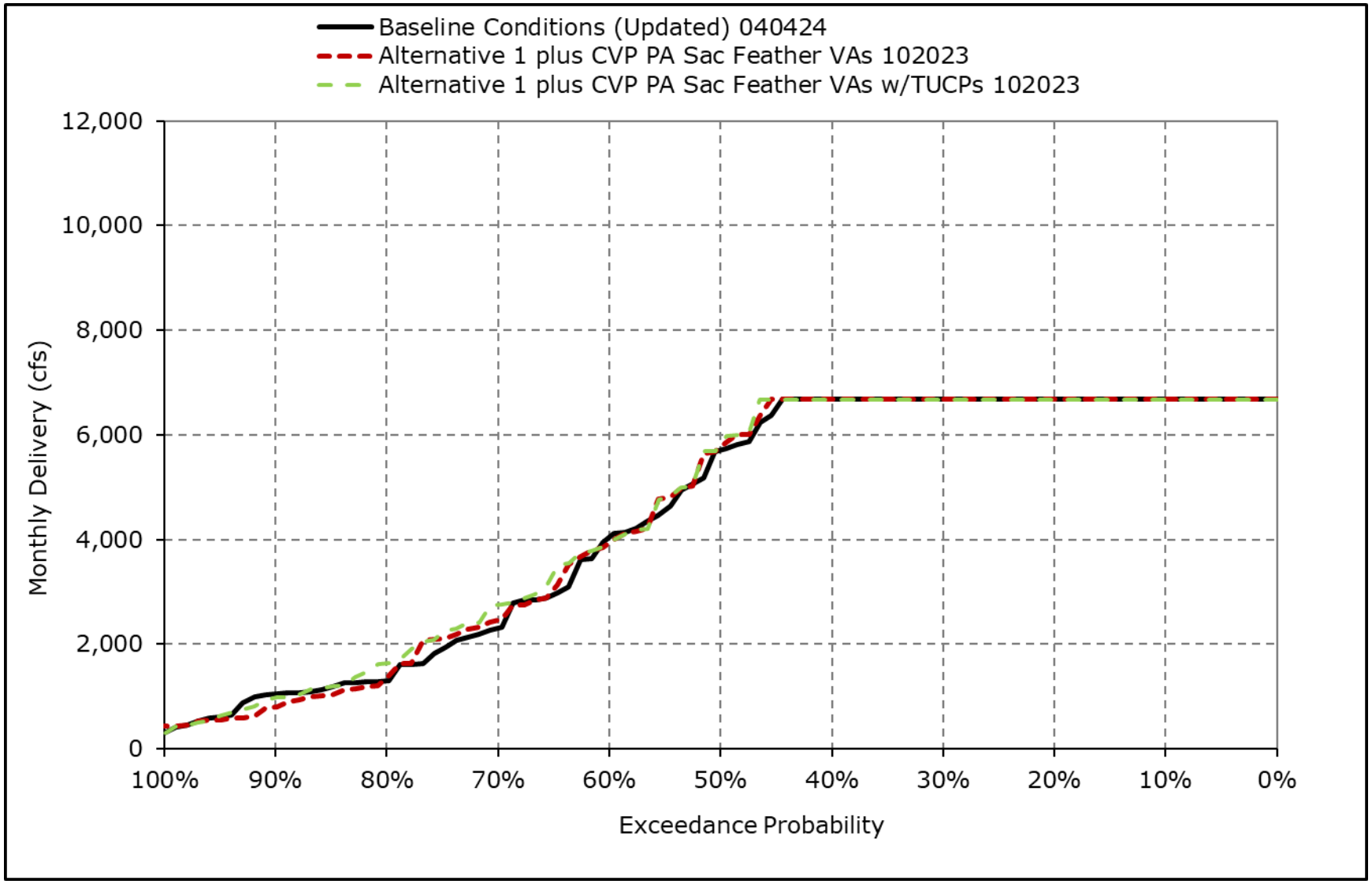
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6g. Banks PP Exports, October



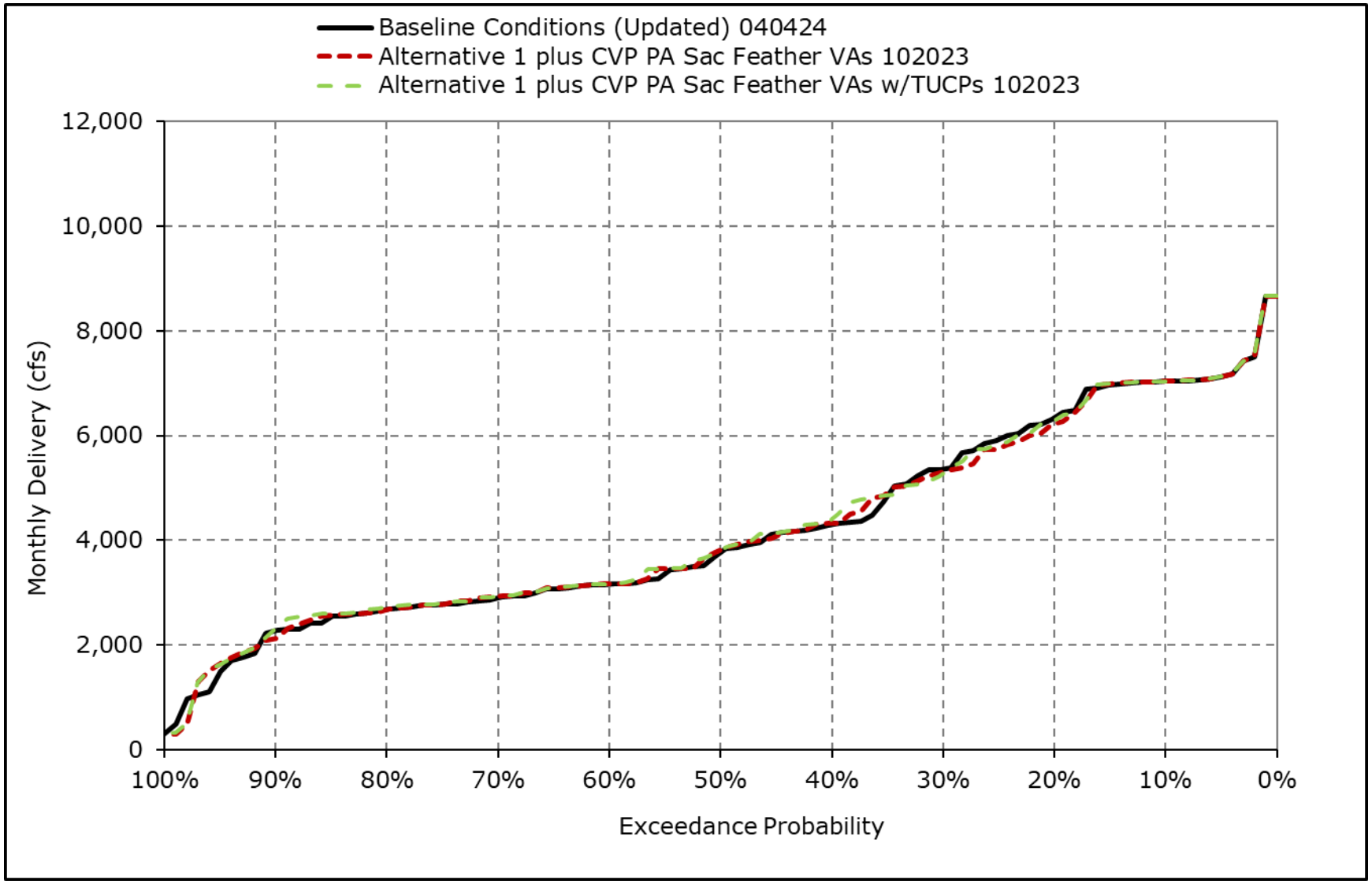
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6h. Banks PP Exports, November



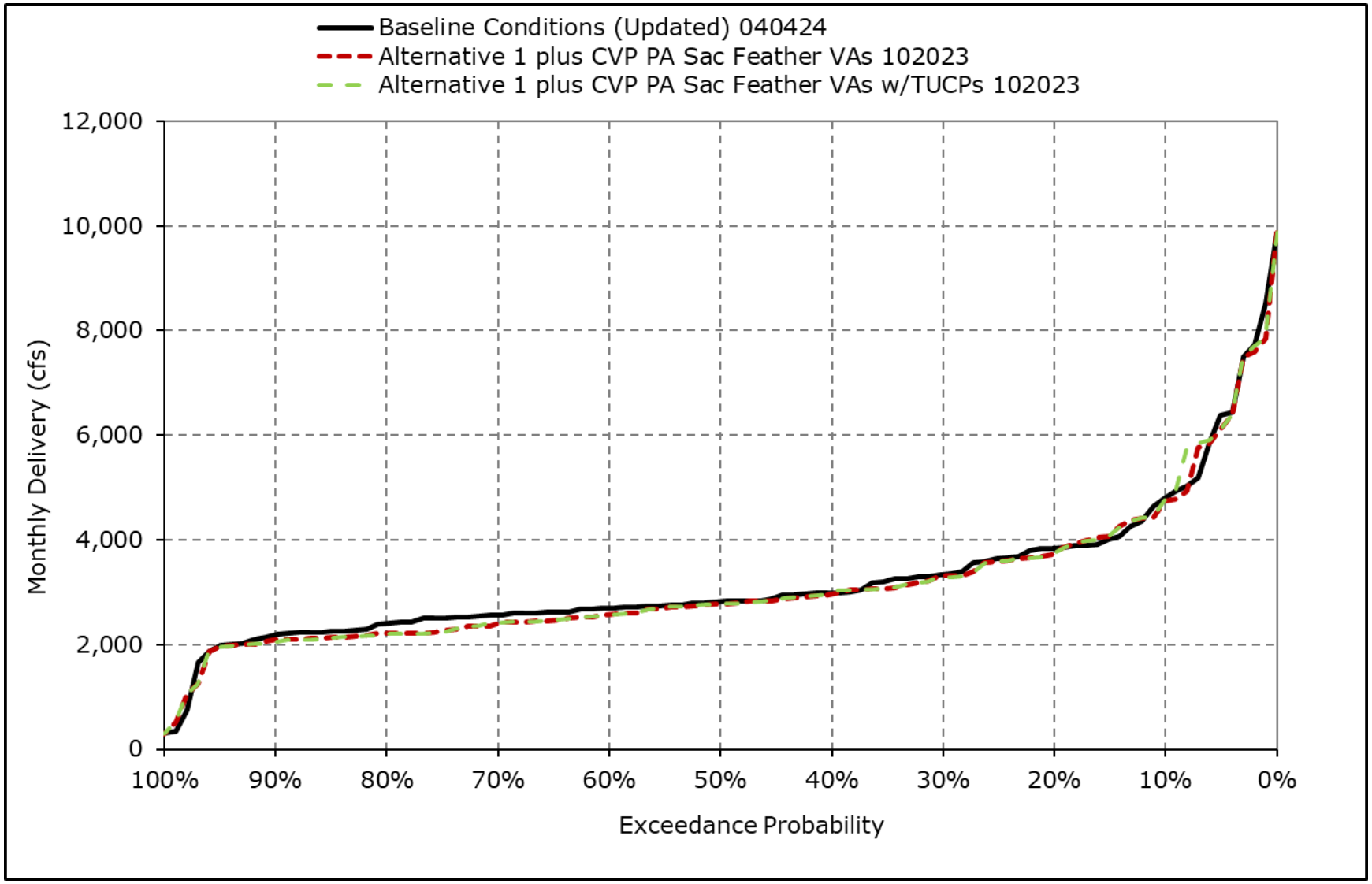
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6i. Banks PP Exports, December



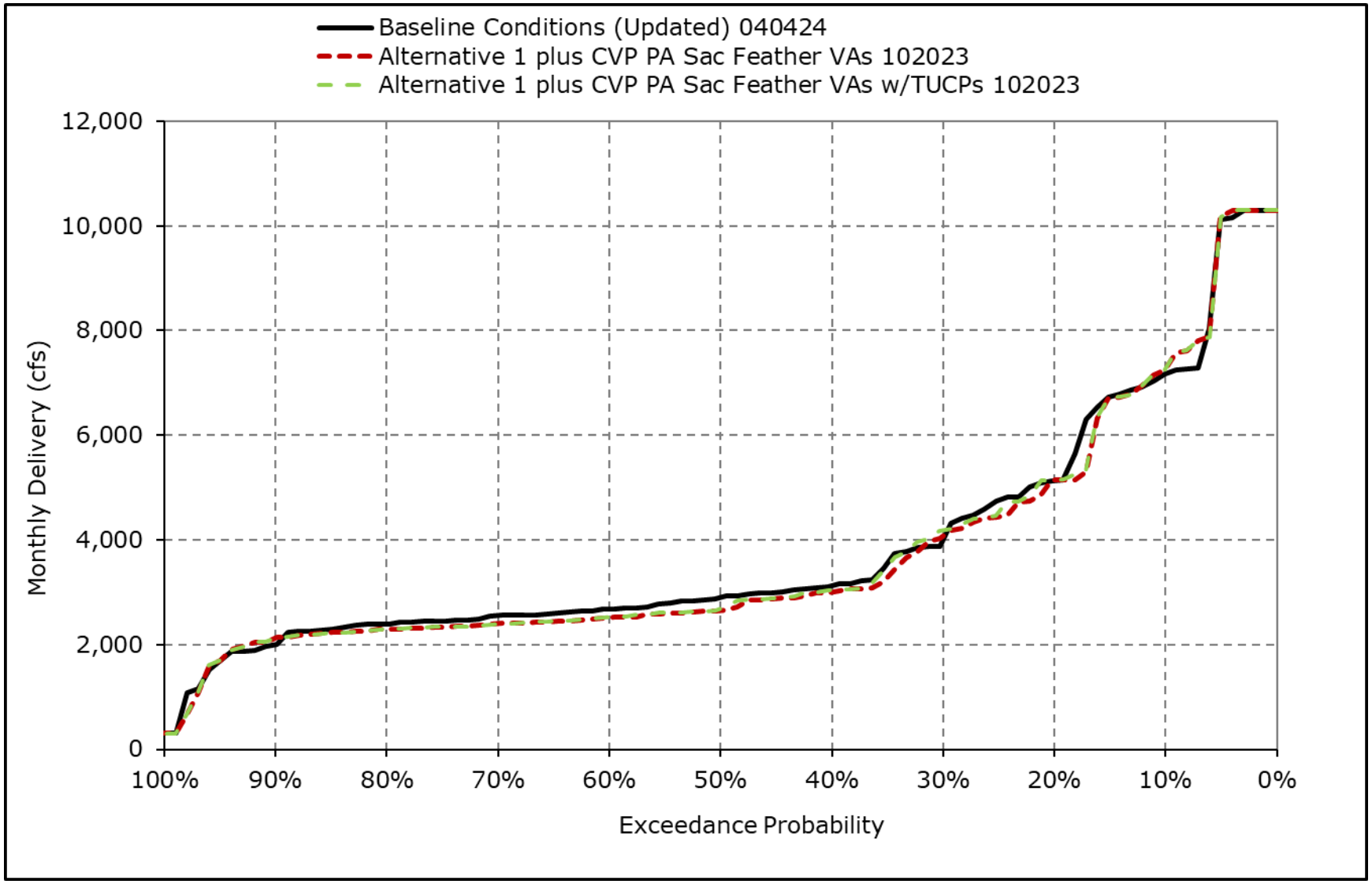
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6j. Banks PP Exports, January



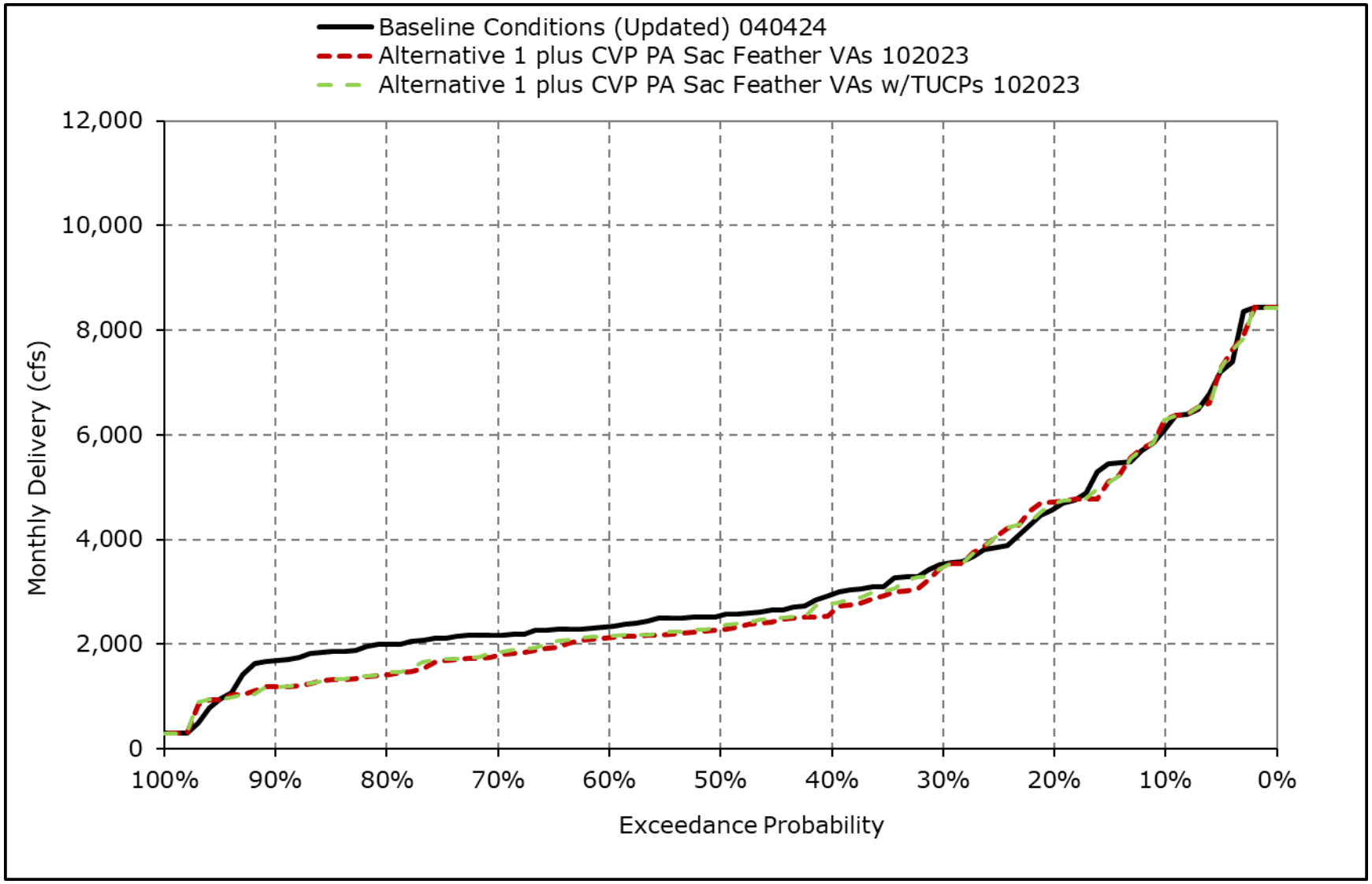
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6k. Banks PP Exports, February



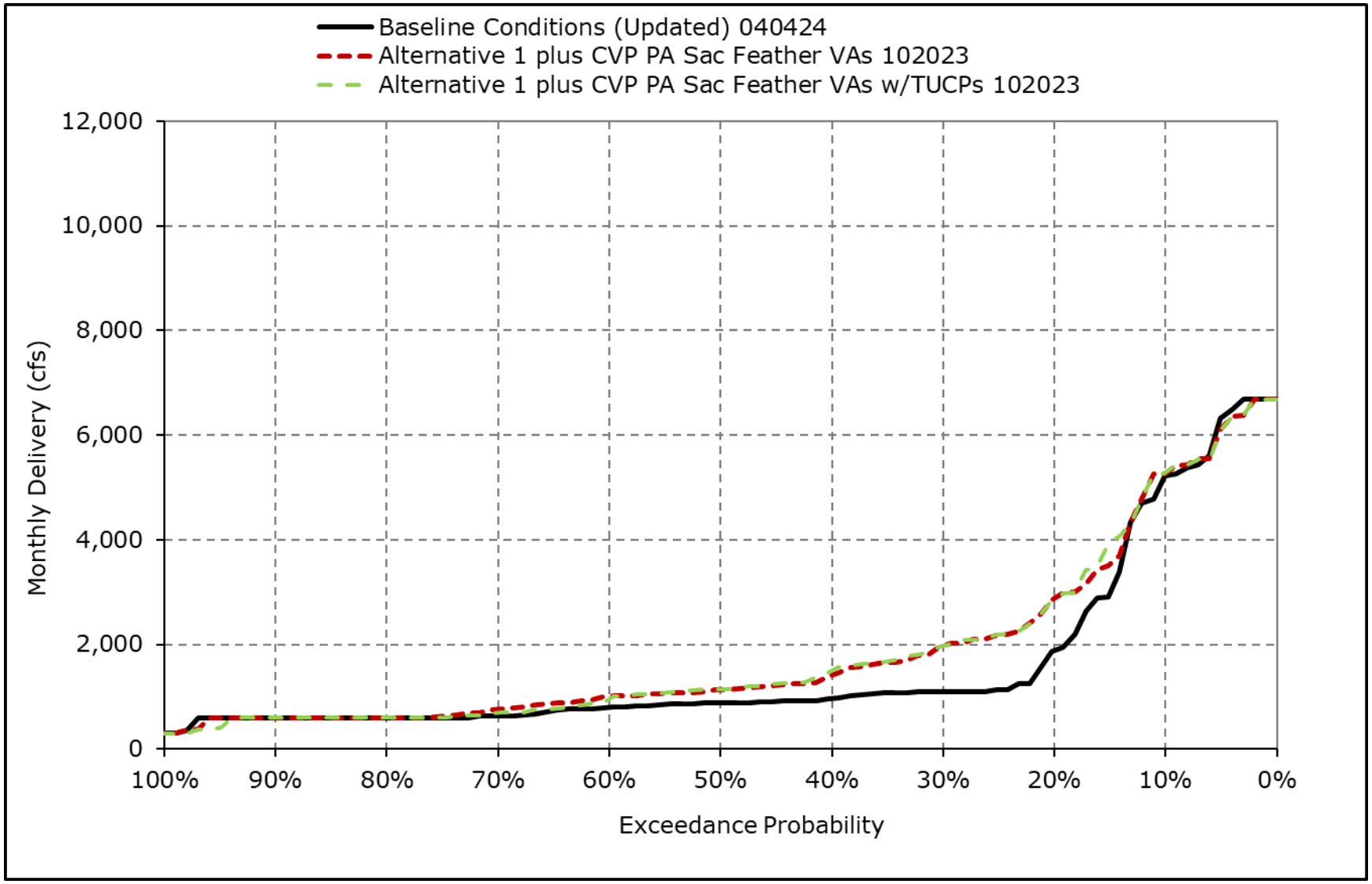
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6l. Banks PP Exports, March



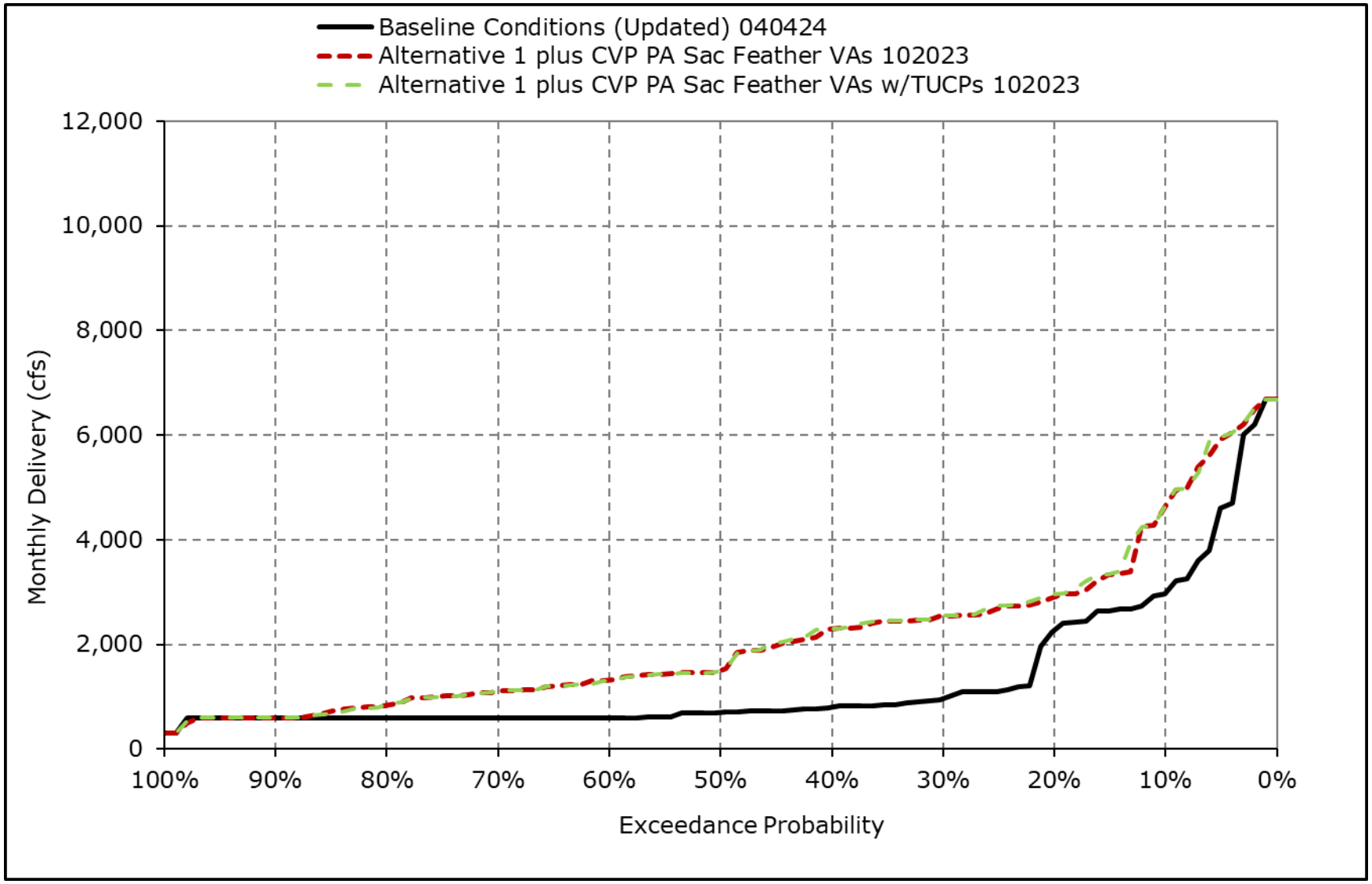
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6m. Banks PP Exports, April



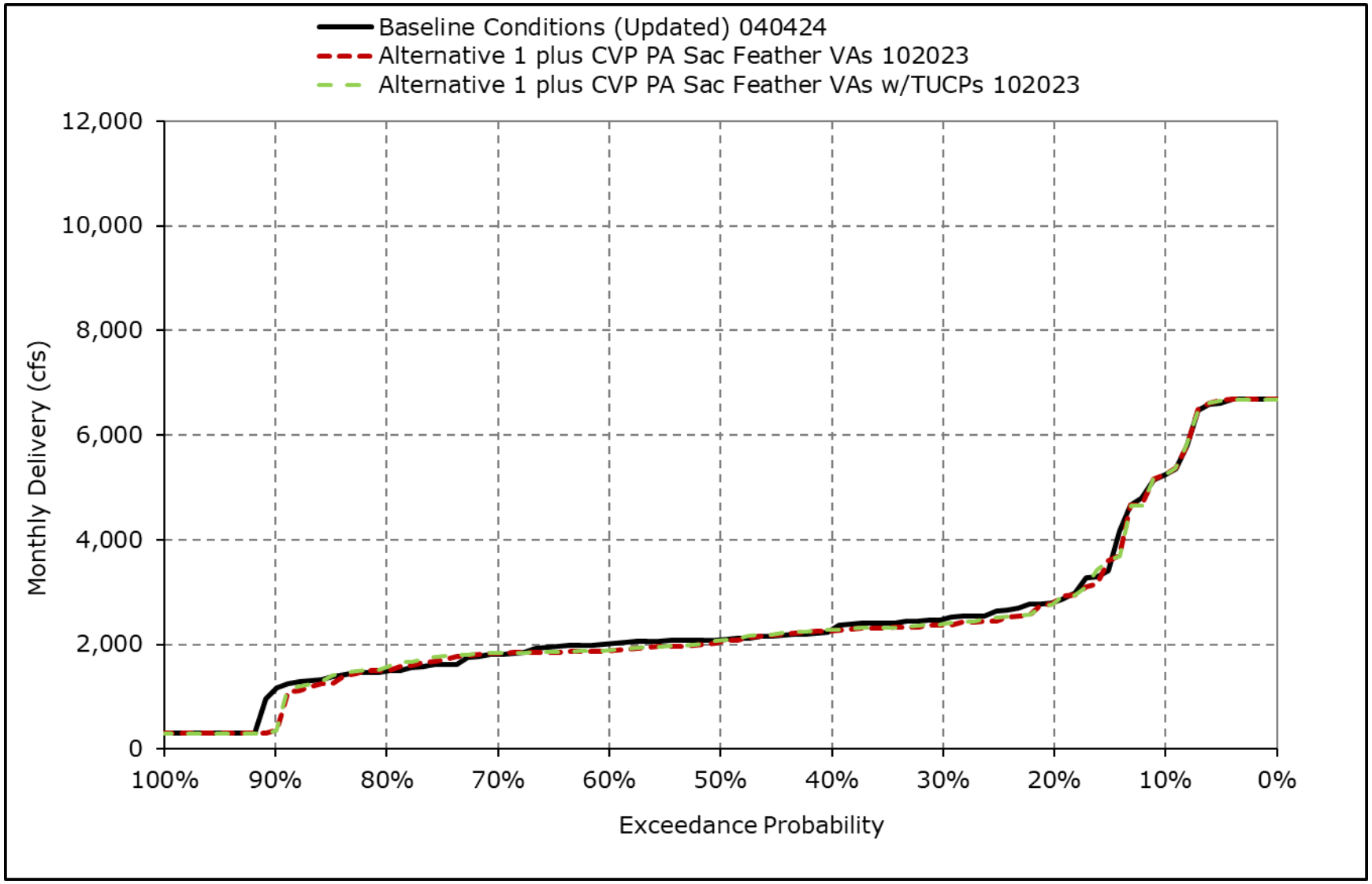
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6n. Banks PP Exports, May



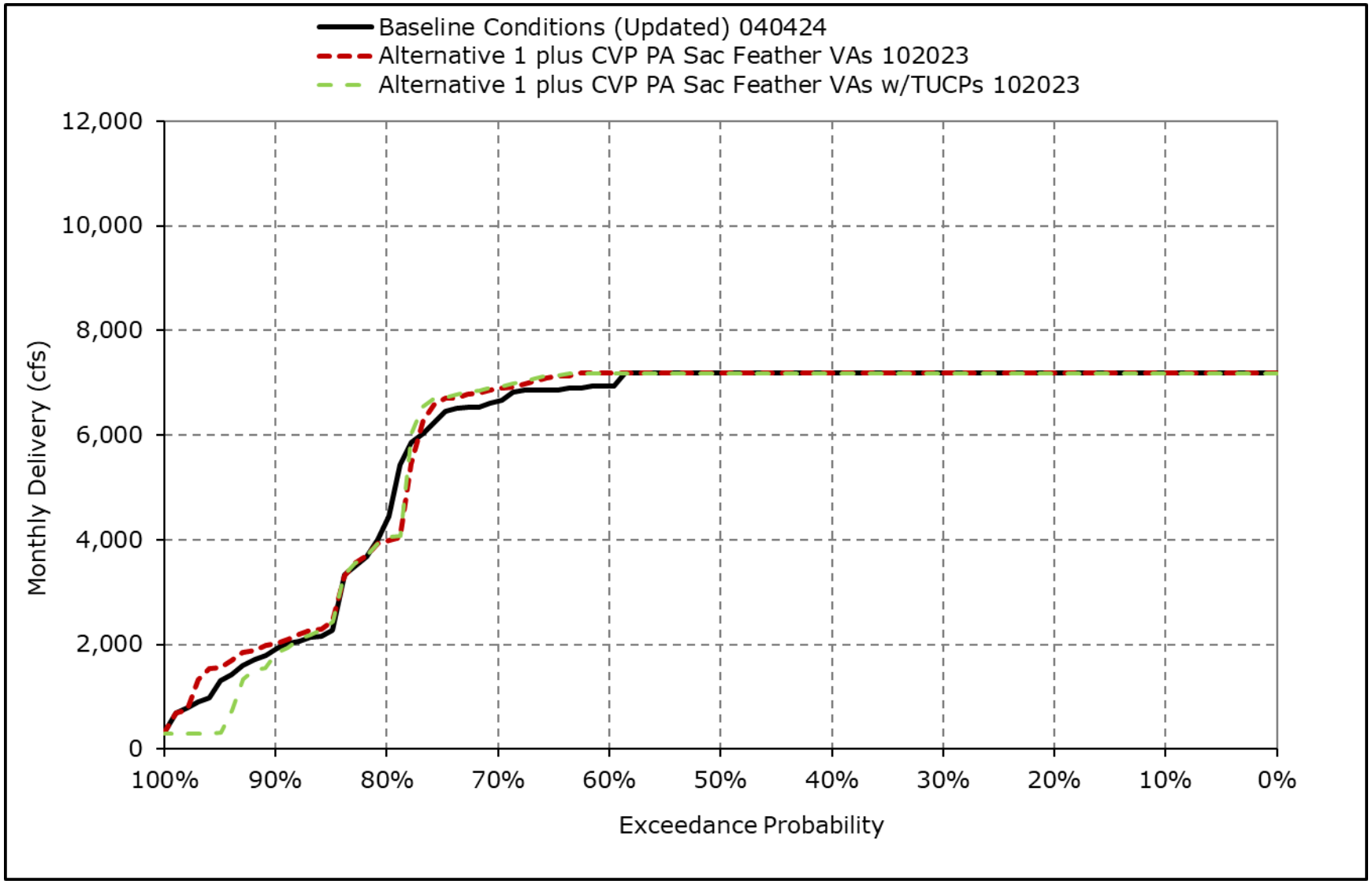
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6o. Banks PP Exports, June



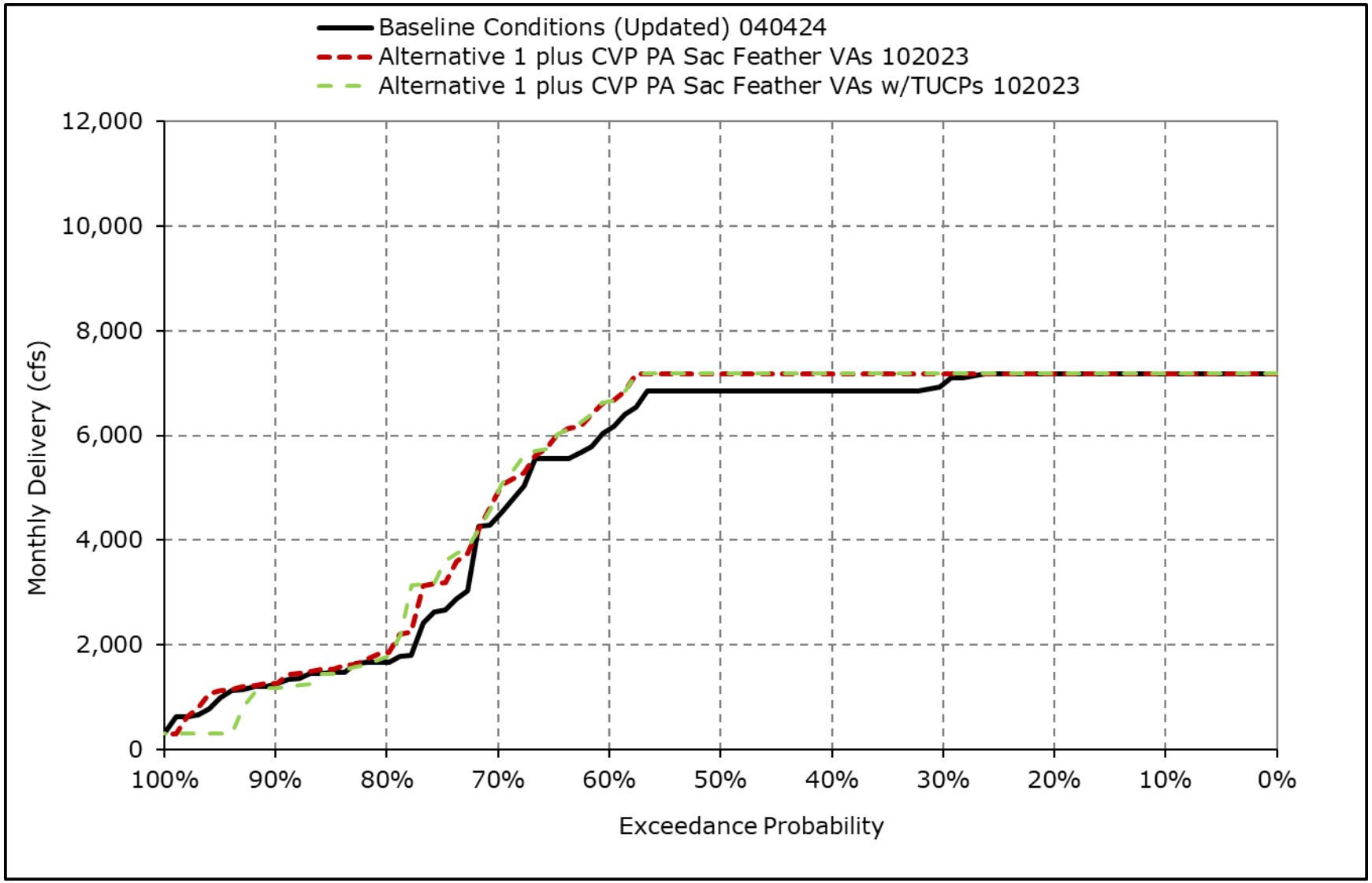
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6p. Banks PP Exports, July



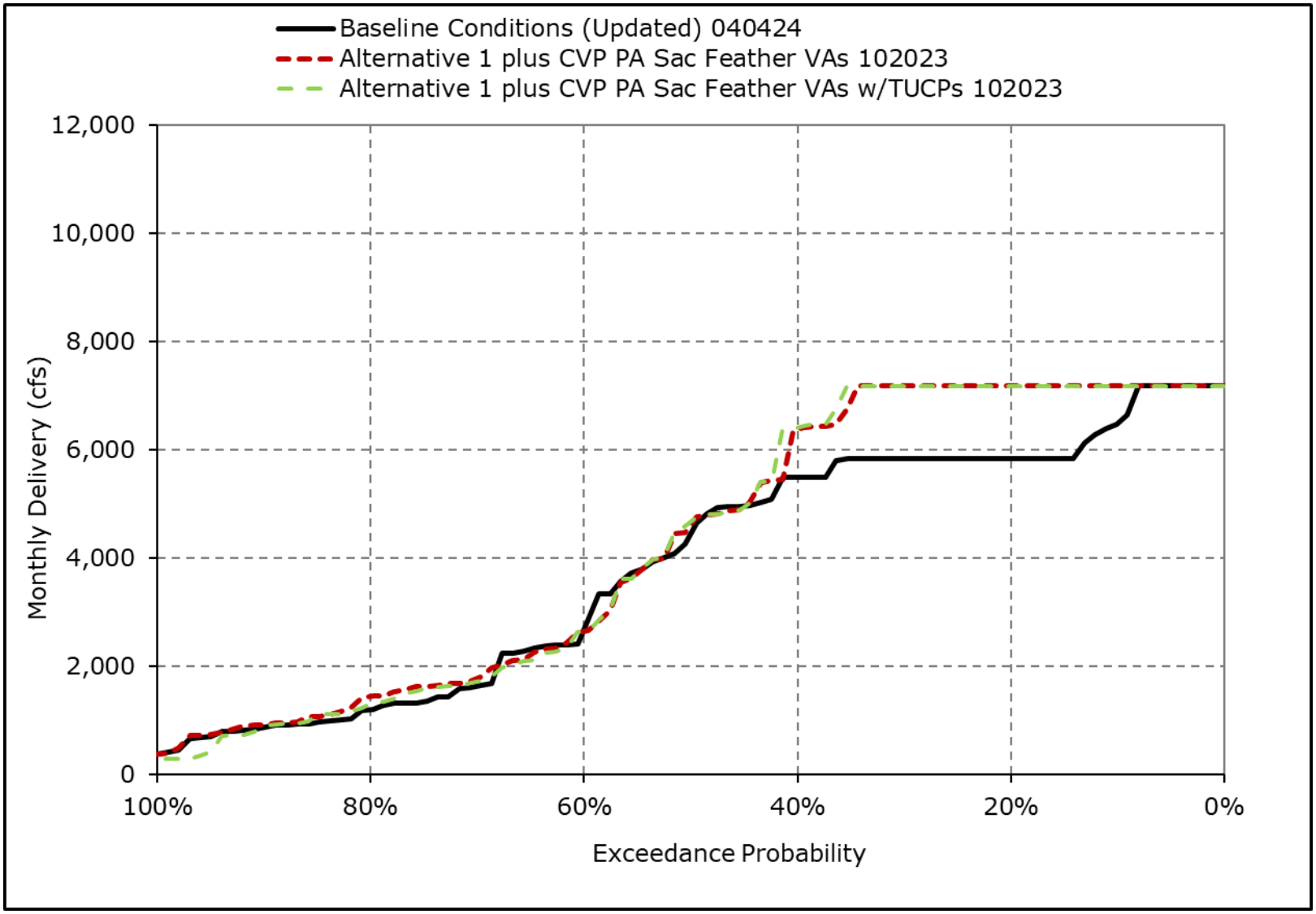
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6q. Banks PP Exports, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-6r. Banks PP Exports, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 4F-4-7-1a. Jones PP Exports, Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,600	4,600	4,600	4,600	4,600	4,500	3,679	4,489	4,600	4,600	4,600	4,600
20% Exceedance	4,600	4,600	4,600	4,358	4,561	3,978	3,524	3,948	4,407	4,600	4,600	4,600
30% Exceedance	4,600	4,600	4,600	4,121	4,360	3,752	2,854	3,447	3,912	4,600	4,600	4,600
40% Exceedance	4,326	4,600	4,397	3,922	4,219	3,442	2,215	2,958	3,705	4,600	4,600	4,600
50% Exceedance	3,722	4,600	4,228	3,751	3,947	3,283	1,395	1,242	3,460	4,548	4,504	4,600
60% Exceedance	3,152	4,141	3,930	3,429	3,717	3,130	1,320	1,064	3,282	4,376	3,978	4,326
70% Exceedance	2,866	3,411	3,261	3,300	3,611	2,920	1,160	887	3,111	3,825	3,640	4,009
80% Exceedance	2,391	2,464	2,780	2,759	3,416	2,372	935	800	2,950	2,987	2,794	3,588
90% Exceedance	1,940	1,625	1,301	1,907	2,395	1,513	800	800	1,608	1,461	1,453	3,084
Full Simulation Period Average[a]	3,507	3,715	3,639	3,476	3,760	3,180	2,062	2,208	3,373	3,838	3,736	4,142
Wet Water Years (30%)	3,871	4,072	4,281	3,890	3,623	3,230	3,382	4,029	4,235	4,447	4,476	4,467
Above Normal Water Years (11%)	3,161	3,752	3,511	4,005	3,963	3,440	3,293	3,453	3,764	3,681	4,406	3,831
Below Normal Water Years (21%)	3,704	4,011	3,466	3,271	3,965	3,264	1,141	1,198	3,550	4,554	4,362	4,583
Dry Water Years (22%)	3,629	3,554	3,658	3,284	3,798	3,309	1,167	969	3,206	4,069	3,460	4,248
Critical Water Years (16%)	2,632	2,852	2,724	2,871	3,554	2,623	1,178	971	1,487	1,544	1,444	3,024

Table 4F-4-7-1b. Jones PP Exports, Alternative 1 plus CVP PA Sac Feather VAs 102023, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,600	4,600	4,600	4,600	4,600	3,737	3,307	4,600	4,600	4,600	4,600	4,600
20% Exceedance	4,600	4,600	4,600	4,265	4,498	3,491	3,089	4,119	4,245	4,600	4,600	4,600
30% Exceedance	4,584	4,600	4,600	4,042	4,305	3,217	2,764	3,828	3,552	4,598	4,600	4,600
40% Exceedance	4,265	4,600	4,400	3,674	3,928	3,068	2,466	3,394	3,372	4,515	4,394	4,600
50% Exceedance	3,797	4,600	4,159	3,412	3,732	2,738	2,361	2,993	3,063	4,299	3,860	4,600
60% Exceedance	3,343	4,225	3,908	3,258	3,610	2,075	2,083	2,765	2,856	3,805	3,575	4,379
70% Exceedance	3,013	3,500	3,314	3,096	3,452	1,767	1,816	2,470	2,760	3,254	3,142	4,125
80% Exceedance	2,491	2,617	2,720	2,487	3,280	1,519	1,659	2,015	2,152	2,259	2,261	3,435
90% Exceedance	2,096	1,966	1,455	1,784	2,264	1,310	1,159	1,558	932	1,019	1,098	2,777
Full Simulation Period Average[a]	3,565	3,791	3,642	3,349	3,662	2,606	2,331	3,064	3,045	3,565	3,465	4,094
Wet Water Years (30%)	3,962	4,175	4,279	3,816	3,625	2,794	2,668	4,152	4,080	4,451	4,470	4,450
Above Normal Water Years (11%)	3,015	3,778	3,595	3,909	4,020	2,442	2,396	3,444	3,574	3,748	4,333	3,401
Below Normal Water Years (21%)	3,800	4,015	3,539	3,190	3,845	2,107	2,676	3,003	3,289	4,299	3,969	4,589
Dry Water Years (22%)	3,691	3,724	3,657	3,037	3,507	2,923	1,915	2,397	2,510	3,308	2,824	4,324
Critical Water Years (16%)	2,717	2,877	2,591	2,727	3,460	2,587	1,777	1,760	1,157	1,167	1,200	2,938

Table 4F-4-7-1c. Jones PP Exports, Alternative 1 plus CVP PA Sac Feather VAs 102023 minus Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	-763	-372	111	0	0	0	0
20% Exceedance	0	0	0	-92	-64	-487	-435	171	-162	0	0	0
30% Exceedance	-16	0	0	-78	-55	-536	-90	381	-360	-2	0	0
40% Exceedance	-60	0	4	-248	-291	-374	251	436	-332	-85	-206	0
50% Exceedance	74	0	-70	-338	-215	-546	966	1,750	-397	-249	-644	0
60% Exceedance	192	84	-21	-171	-108	-1,054	763	1,701	-426	-571	-403	54
70% Exceedance	147	89	53	-204	-159	-1,153	657	1,584	-351	-570	-498	117
80% Exceedance	100	152	-60	-271	-136	-853	724	1,214	-797	-728	-533	-154
90% Exceedance	156	340	154	-123	-132	-203	359	758	-676	-442	-355	-307
Full Simulation Period Average[a]	59	76	3	-127	-97	-574	270	856	-328	-273	-271	-48
Wet Water Years (30%)	91	103	-2	-74	2	-436	-714	123	-154	4	-5	-17
Above Normal Water Years (11%)	-146	26	83	-96	57	-999	-897	-8	-190	67	-73	-430
Below Normal Water Years (21%)	96	4	73	-81	-120	-1,157	1,536	1,806	-262	-256	-393	7
Dry Water Years (22%)	62	170	-1	-248	-291	-386	747	1,429	-695	-761	-636	76
Critical Water Years (16%)	85	25	-133	-144	-94	-36	598	790	-330	-377	-244	-86

[a] Based on the 100-year simulation period.

* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* Water Year Types results are displayed with water year - year type sorting.

Table 4F-4-7-2a. Jones PP Exports, Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,600	4,600	4,600	4,600	4,600	4,500	3,679	4,489	4,600	4,600	4,600	4,600
20% Exceedance	4,600	4,600	4,600	4,358	4,561	3,978	3,524	3,948	4,407	4,600	4,600	4,600
30% Exceedance	4,600	4,600	4,600	4,121	4,360	3,752	2,854	3,447	3,912	4,600	4,600	4,600
40% Exceedance	4,326	4,600	4,397	3,922	4,219	3,442	2,215	2,958	3,705	4,600	4,600	4,600
50% Exceedance	3,722	4,600	4,228	3,751	3,947	3,283	1,395	1,242	3,460	4,548	4,504	4,600
60% Exceedance	3,152	4,141	3,930	3,429	3,717	3,130	1,320	1,064	3,282	4,376	3,978	4,326
70% Exceedance	2,866	3,411	3,261	3,300	3,611	2,920	1,160	887	3,111	3,825	3,640	4,009
80% Exceedance	2,391	2,464	2,780	2,759	3,416	2,372	935	800	2,950	2,987	2,794	3,588
90% Exceedance	1,940	1,625	1,301	1,907	2,395	1,513	800	800	1,608	1,461	1,453	3,084
Full Simulation Period Average[a]	3,507	3,715	3,639	3,476	3,760	3,180	2,062	2,208	3,373	3,838	3,736	4,142
Wet Water Years (30%)	3,871	4,072	4,281	3,890	3,623	3,230	3,382	4,029	4,235	4,447	4,476	4,467
Above Normal Water Years (11%)	3,161	3,752	3,511	4,005	3,963	3,440	3,293	3,453	3,764	3,681	4,406	3,831
Below Normal Water Years (21%)	3,704	4,011	3,466	3,271	3,965	3,264	1,141	1,198	3,550	4,554	4,362	4,583
Dry Water Years (22%)	3,629	3,554	3,658	3,284	3,798	3,309	1,167	969	3,206	4,069	3,460	4,248
Critical Water Years (16%)	2,632	2,852	2,724	2,871	3,554	2,623	1,178	971	1,487	1,544	1,444	3,024

Table 4F-4-7-2b. Jones PP Exports, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	4,600	4,600	4,600	4,600	4,600	3,732	3,393	4,600	4,600	4,600	4,600	4,600
20% Exceedance	4,600	4,600	4,600	4,265	4,498	3,448	3,089	4,119	4,197	4,600	4,600	4,600
30% Exceedance	4,595	4,600	4,600	4,042	4,304	3,208	2,762	3,824	3,552	4,598	4,600	4,600
40% Exceedance	4,262	4,600	4,406	3,673	3,925	3,041	2,466	3,393	3,369	4,524	4,419	4,600
50% Exceedance	3,813	4,600	4,159	3,487	3,718	2,714	2,360	2,953	3,067	4,274	3,866	4,600
60% Exceedance	3,322	4,261	3,908	3,260	3,593	2,111	2,083	2,693	2,855	3,812	3,584	4,540
70% Exceedance	3,018	3,546	3,364	3,114	3,452	1,799	1,816	2,421	2,760	3,276	3,145	3,991
80% Exceedance	2,522	2,632	2,678	2,555	3,261	1,557	1,450	1,904	2,144	2,250	2,030	3,405
90% Exceedance	2,135	1,764	1,405	1,779	2,217	1,308	1,054	1,560	891	1,046	1,040	2,739
Full Simulation Period Average[a]	3,585	3,799	3,619	3,343	3,635	2,593	2,296	3,035	3,031	3,556	3,455	4,076
Wet Water Years (30%)	3,980	4,182	4,276	3,819	3,628	2,793	2,669	4,152	4,080	4,452	4,471	4,452
Above Normal Water Years (11%)	3,100	3,824	3,748	3,910	4,021	2,442	2,477	3,435	3,547	3,793	4,340	3,408
Below Normal Water Years (21%)	3,819	4,087	3,545	3,183	3,846	2,110	2,664	2,968	3,290	4,303	3,979	4,600
Dry Water Years (22%)	3,684	3,706	3,654	3,018	3,507	2,923	1,912	2,396	2,505	3,296	2,826	4,336
Critical Water Years (16%)	2,735	2,813	2,349	2,720	3,286	2,505	1,518	1,631	1,095	1,092	1,119	2,783

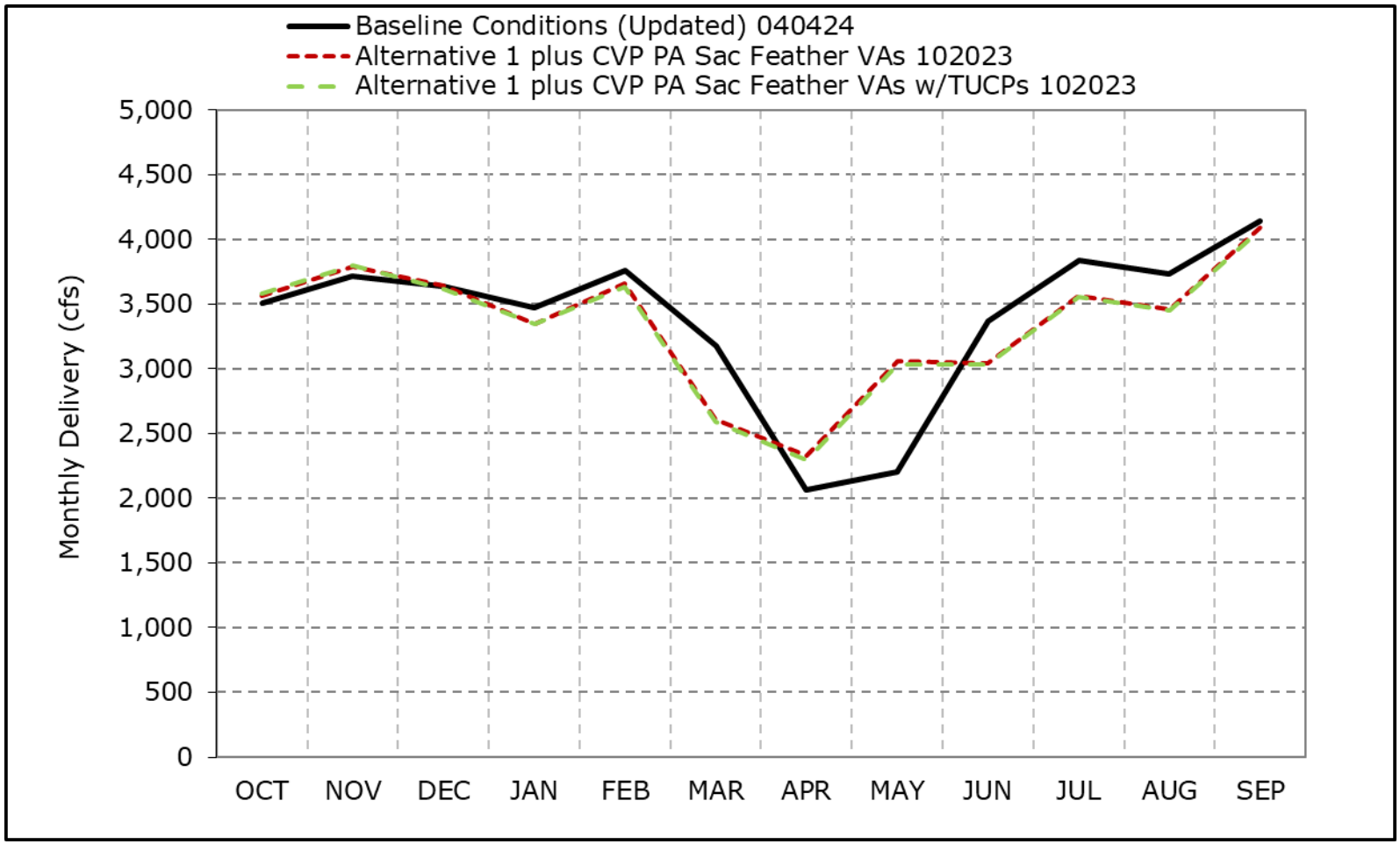
Table 4F-4-7-2c. Jones PP Exports, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023 minus Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	0	0	0	0	0	-769	-286	111	0	0	0	0
20% Exceedance	0	0	0	-93	-64	-529	-435	171	-210	0	0	0
30% Exceedance	-5	0	0	-78	-55	-544	-92	376	-360	-2	0	0
40% Exceedance	-63	0	9	-248	-295	-401	251	435	-336	-76	-181	0
50% Exceedance	91	0	-69	-264	-229	-570	965	1,711	-393	-275	-638	0
60% Exceedance	171	121	-22	-169	-125	-1,019	763	1,629	-426	-564	-394	214
70% Exceedance	151	135	103	-186	-160	-1,122	656	1,535	-352	-549	-495	-17
80% Exceedance	131	168	-102	-204	-154	-815	515	1,104	-806	-737	-764	-183
90% Exceedance	195	139	104	-128	-178	-205	254	760	-717	-414	-413	-345
Full Simulation Period Average[a]	79	84	-20	-133	-124	-587	235	826	-342	-281	-281	-67
Wet Water Years (30%)	109	110	-5	-72	5	-437	-712	123	-155	4	-5	-15
Above Normal Water Years (11%)	-61	72	236	-95	58	-999	-816	-18	-217	112	-66	-423
Below Normal Water Years (21%)	115	76	79	-88	-120	-1,153	1,523	1,770	-260	-251	-384	17
Dry Water Years (22%)	55	153	-4	-267	-292	-387	745	1,428	-701	-773	-634	88
Critical Water Years (16%)	102	-39	-375	-151	-268	-118	339	661	-392	-451	-326	-241

[a] Based on the 100-year simulation period.

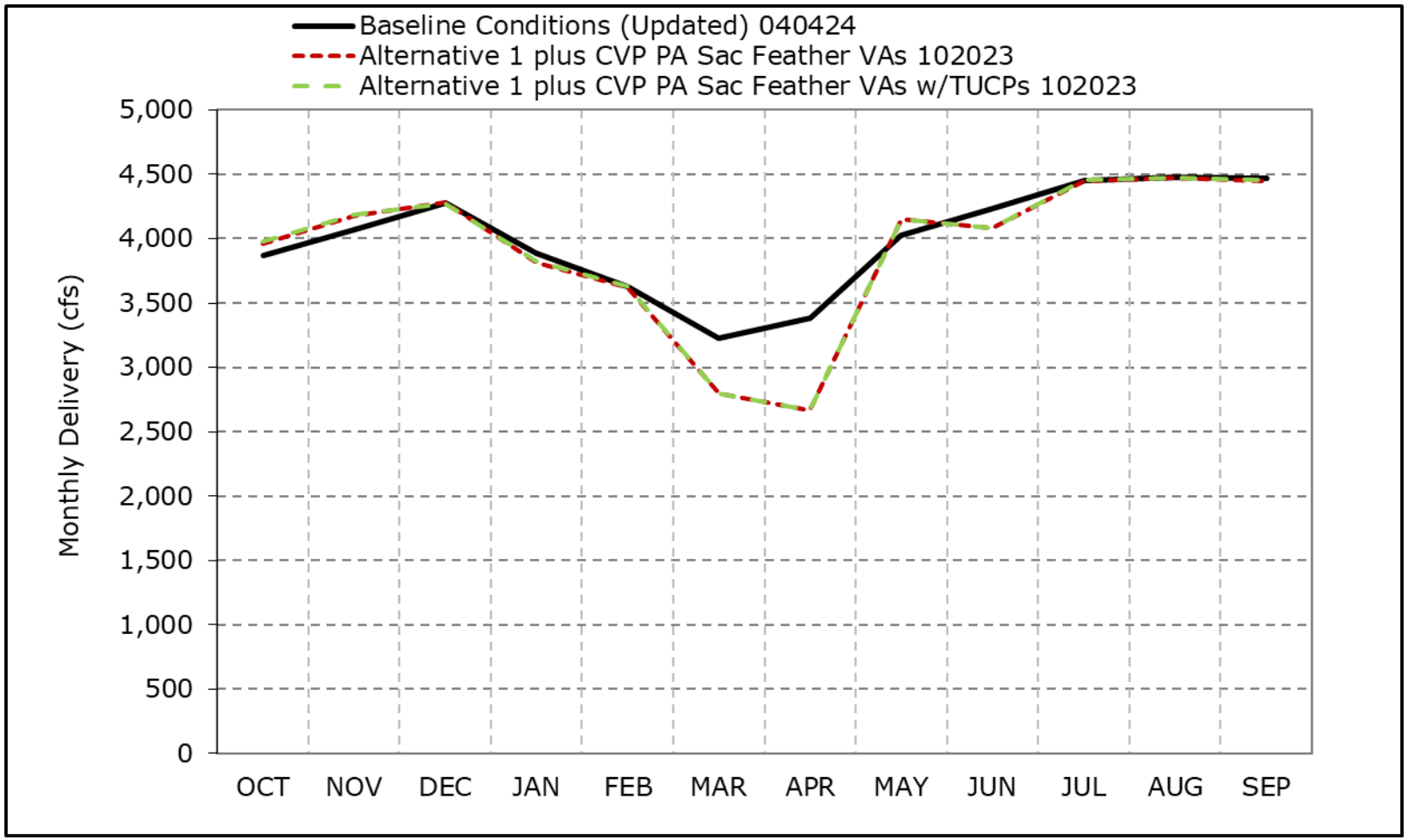
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* Water Year Types results are displayed with water year - year type sorting.

Figure 4F-4-7a. Jones PP Exports, Long-Term Average Delivery



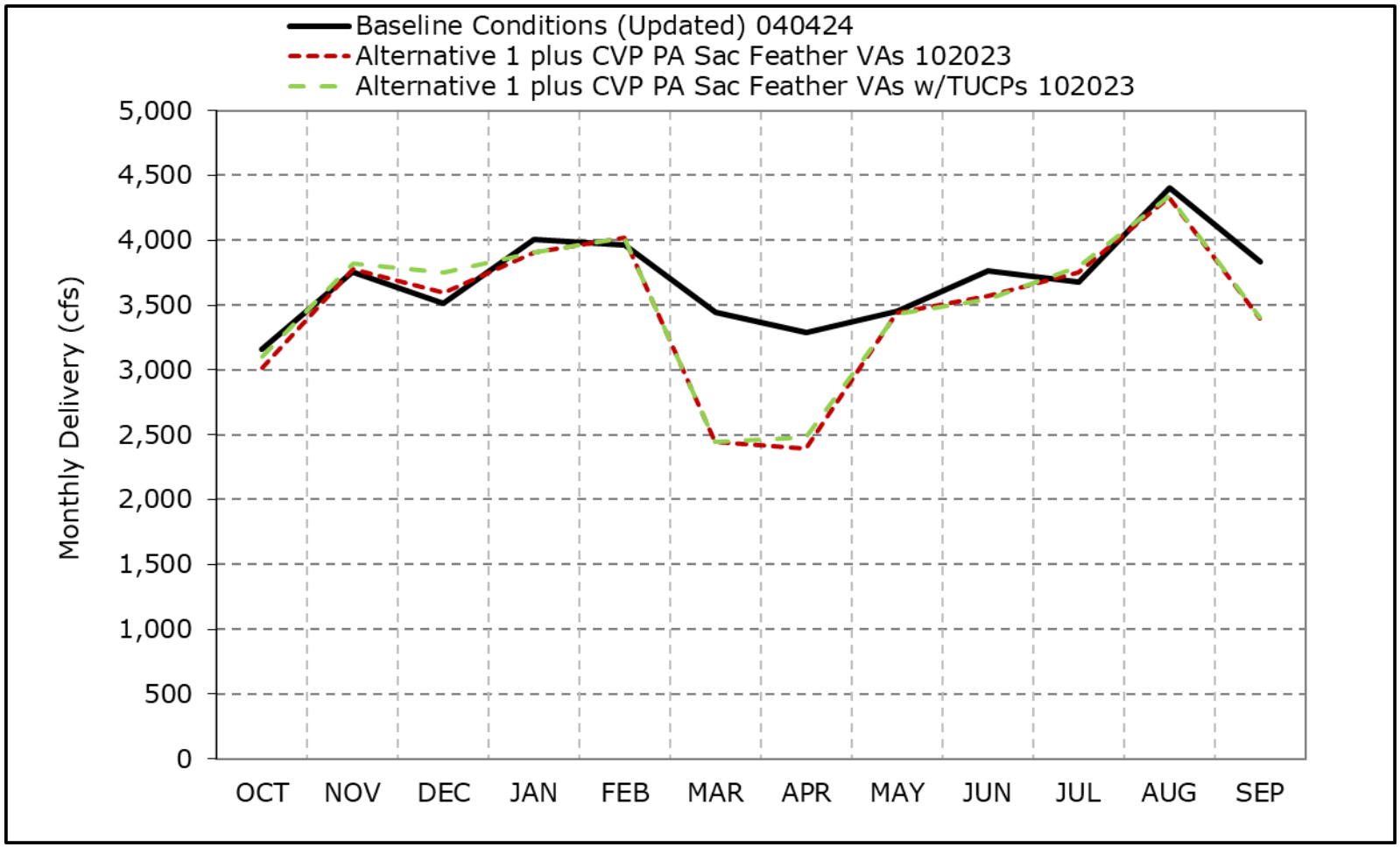
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7b. Jones PP Exports, Wet Year Average Delivery



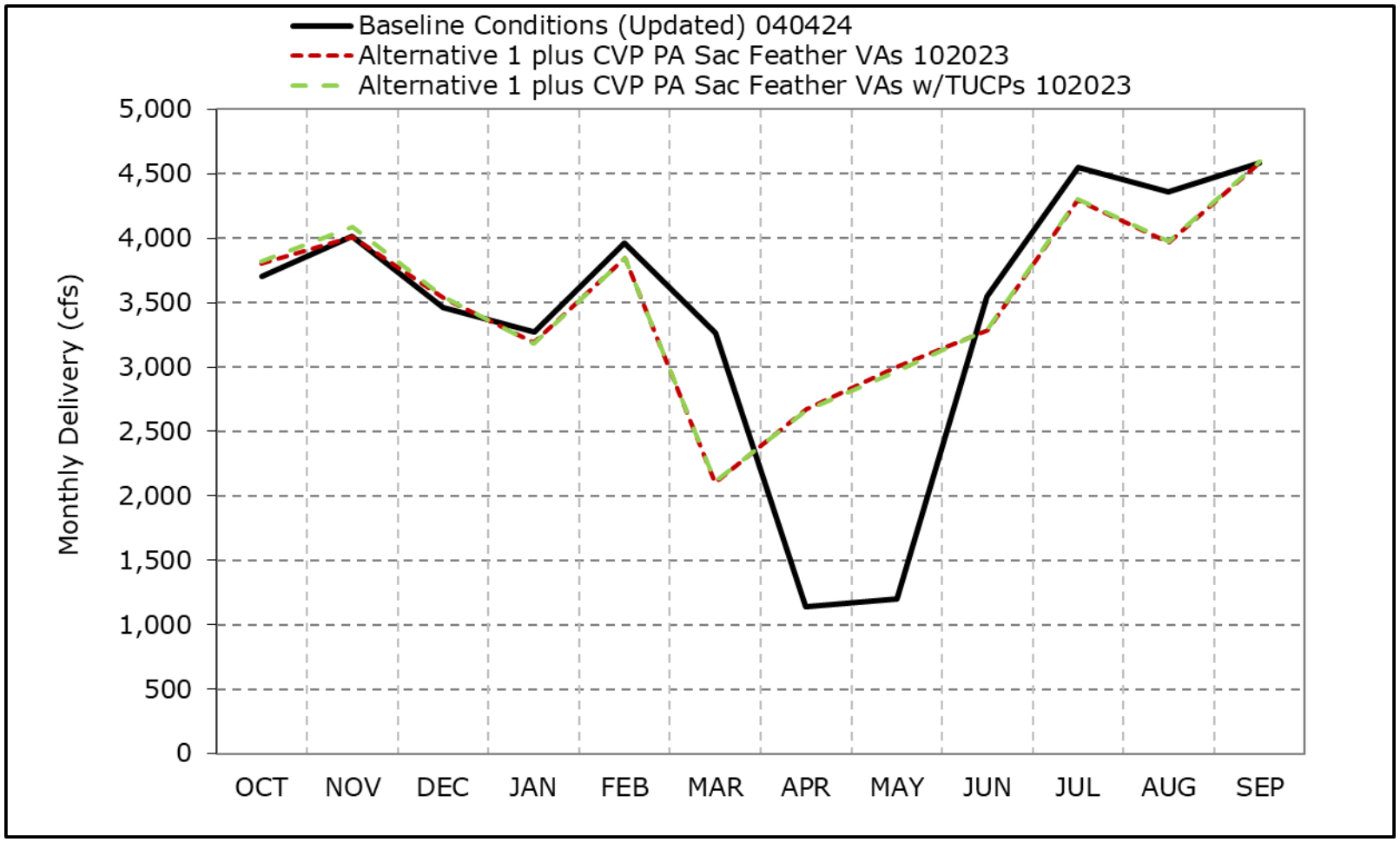
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7c. Jones PP Exports, Above Normal Year Average Delivery



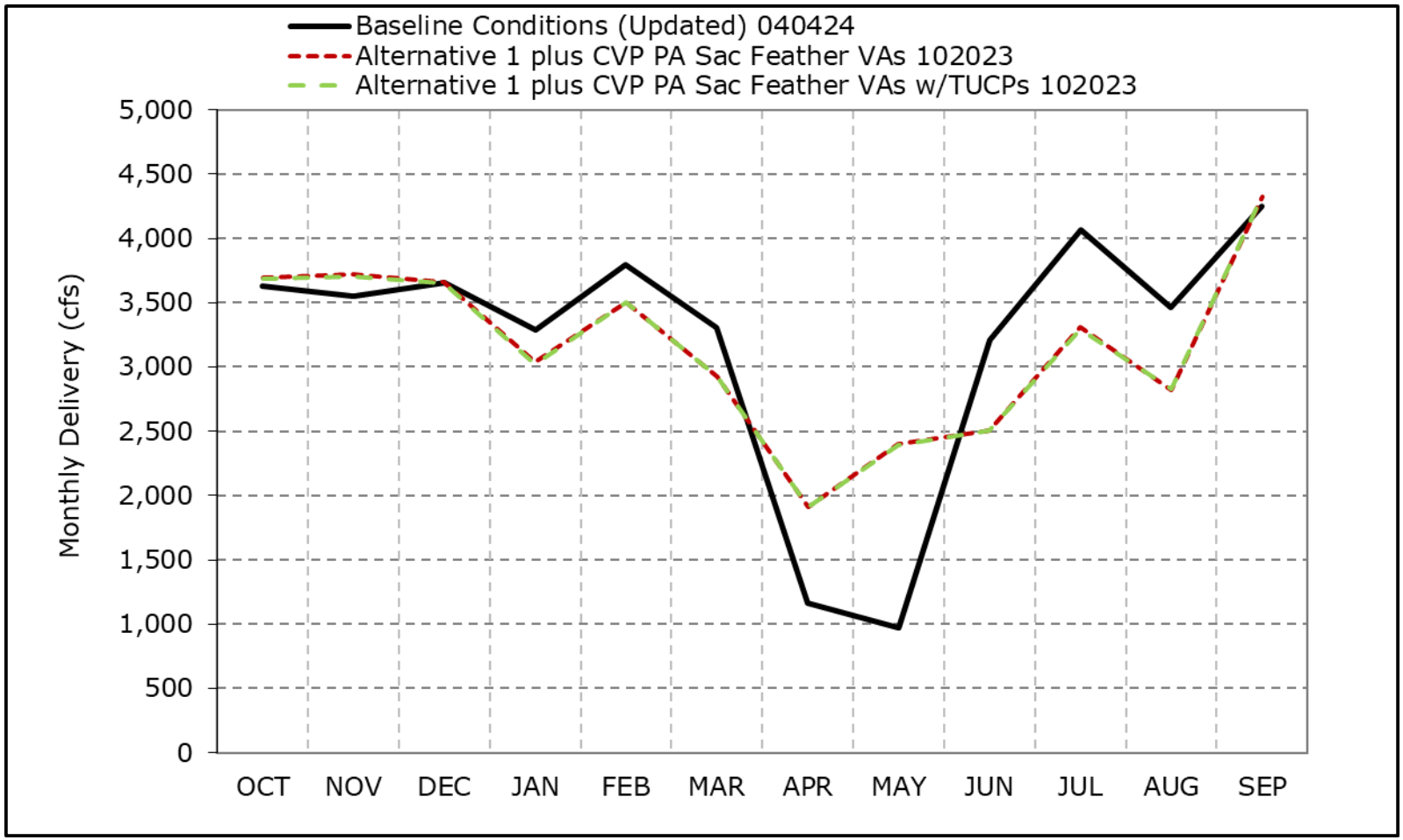
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7d. Jones PP Exports, Below Normal Year Average Delivery



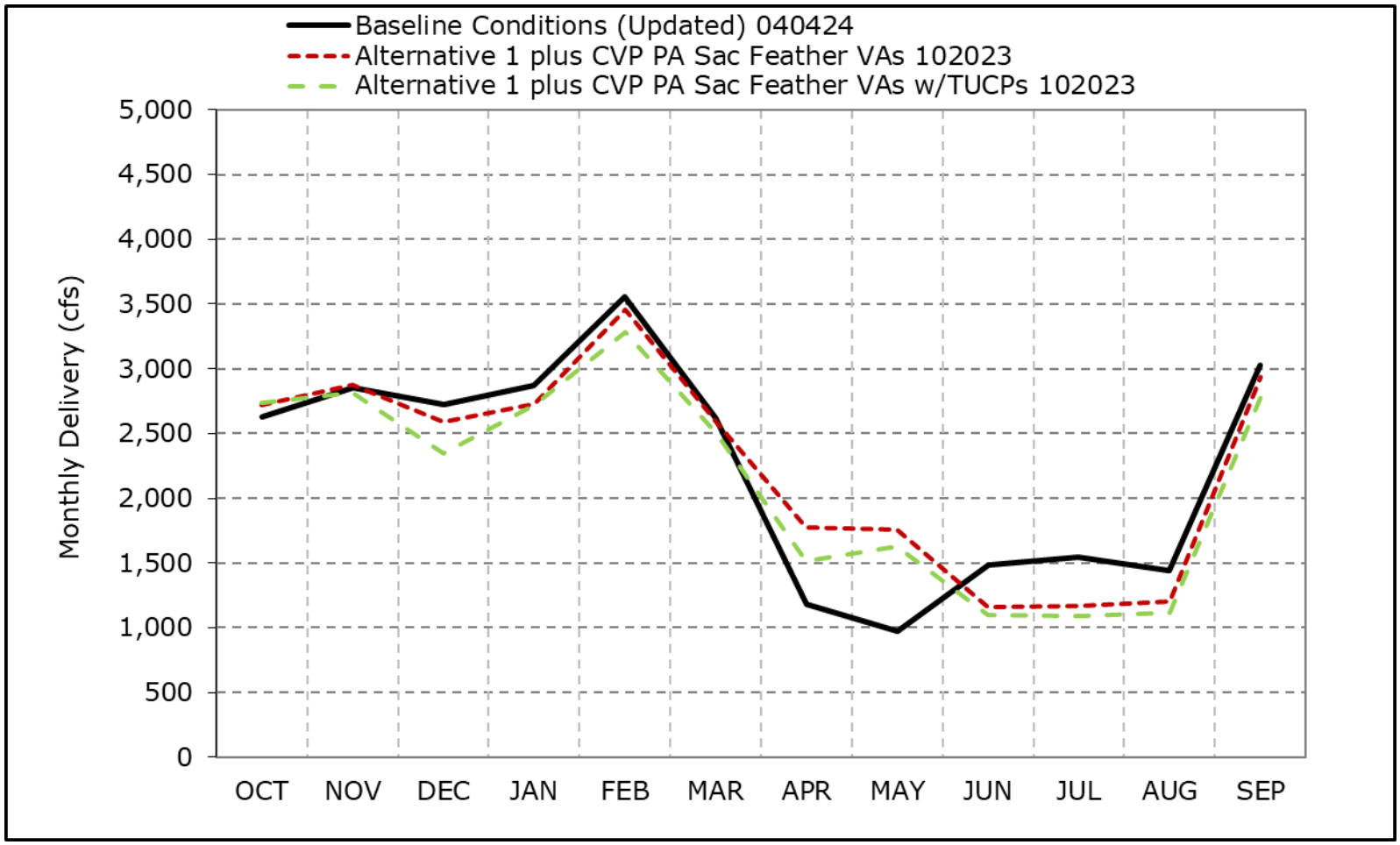
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7e. Jones PP Exports, Dry Year Average Delivery



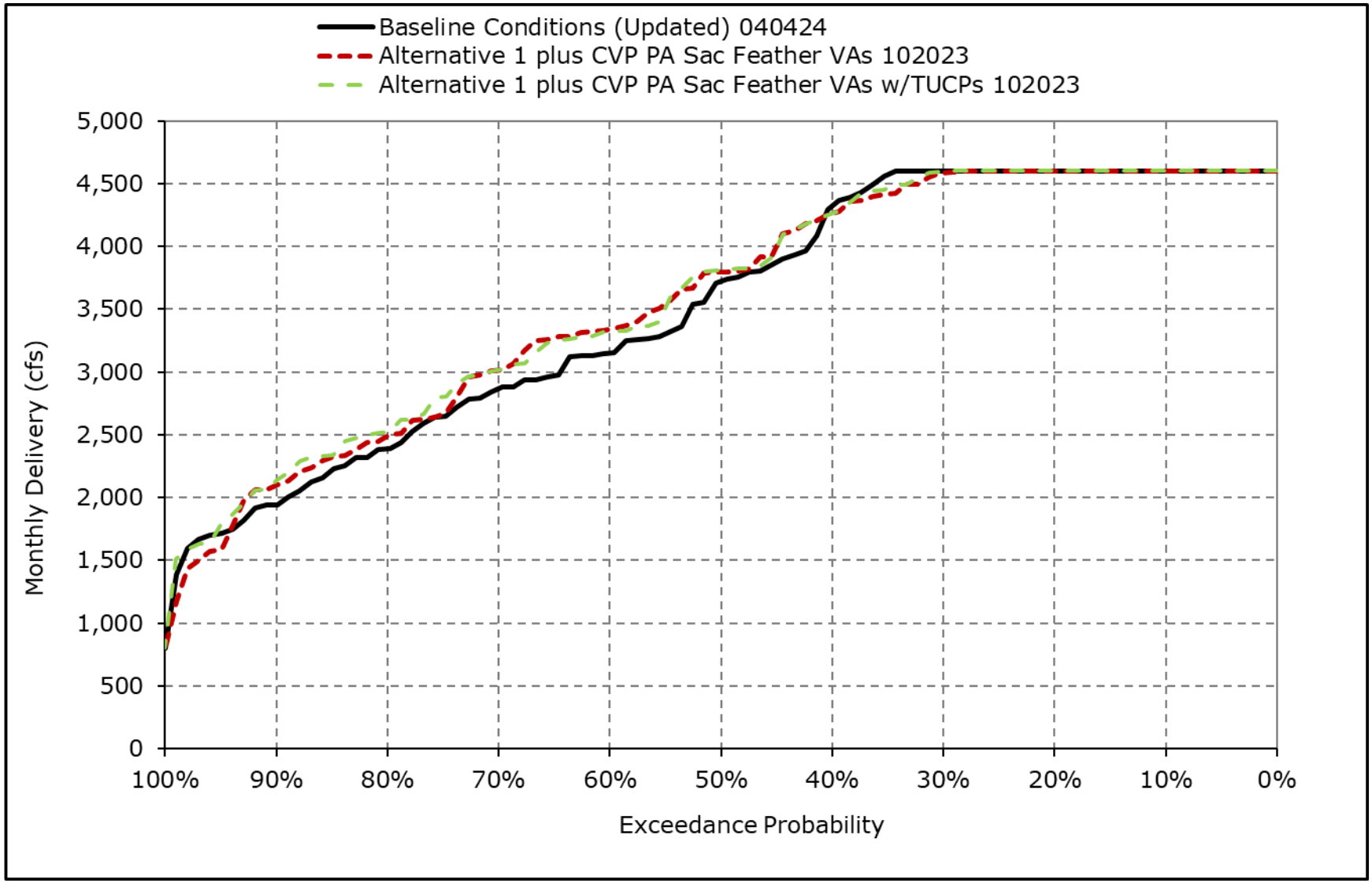
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7f. Jones PP Exports, Critical Year Average Delivery



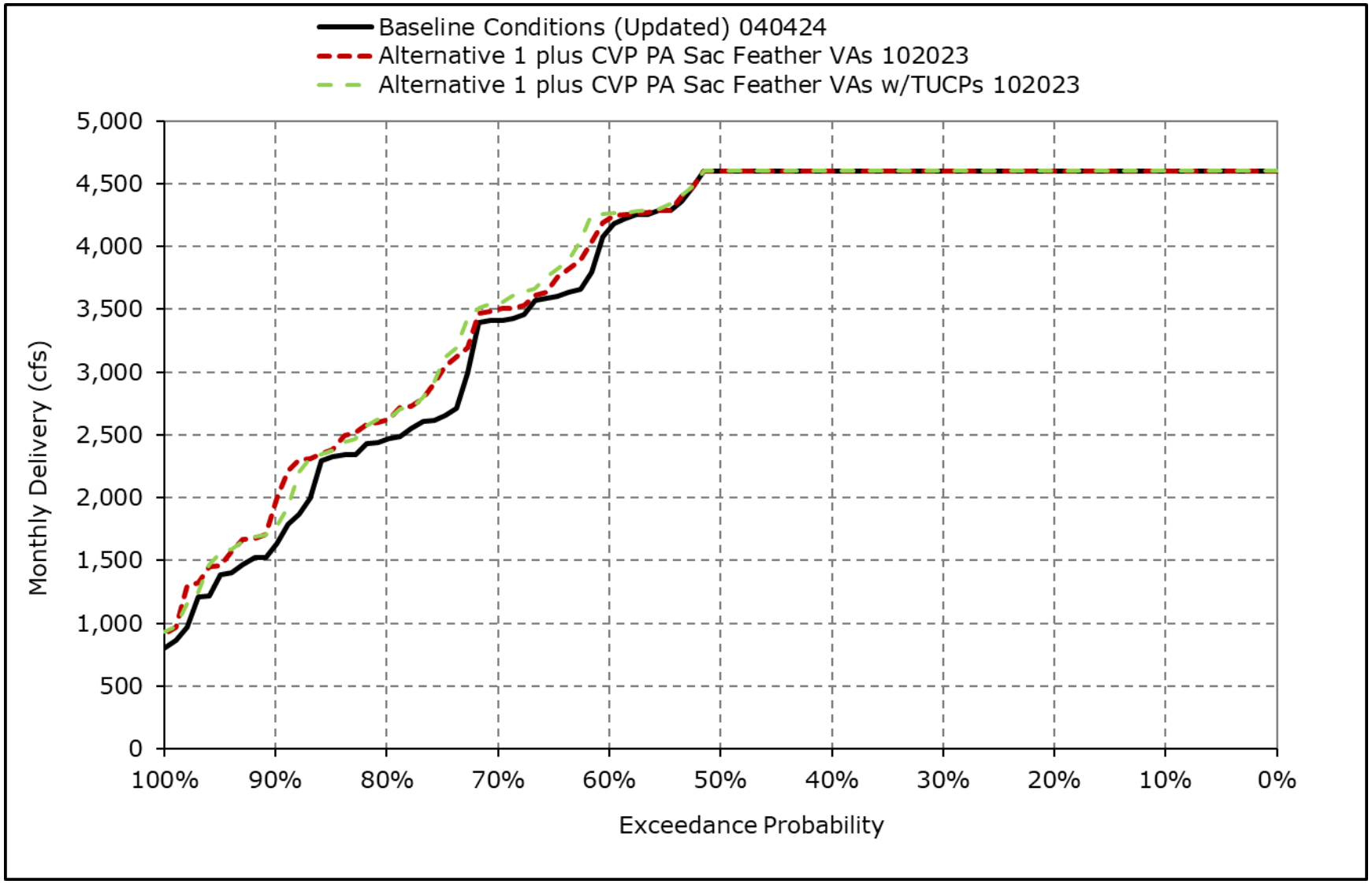
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7g. Jones PP Exports, October



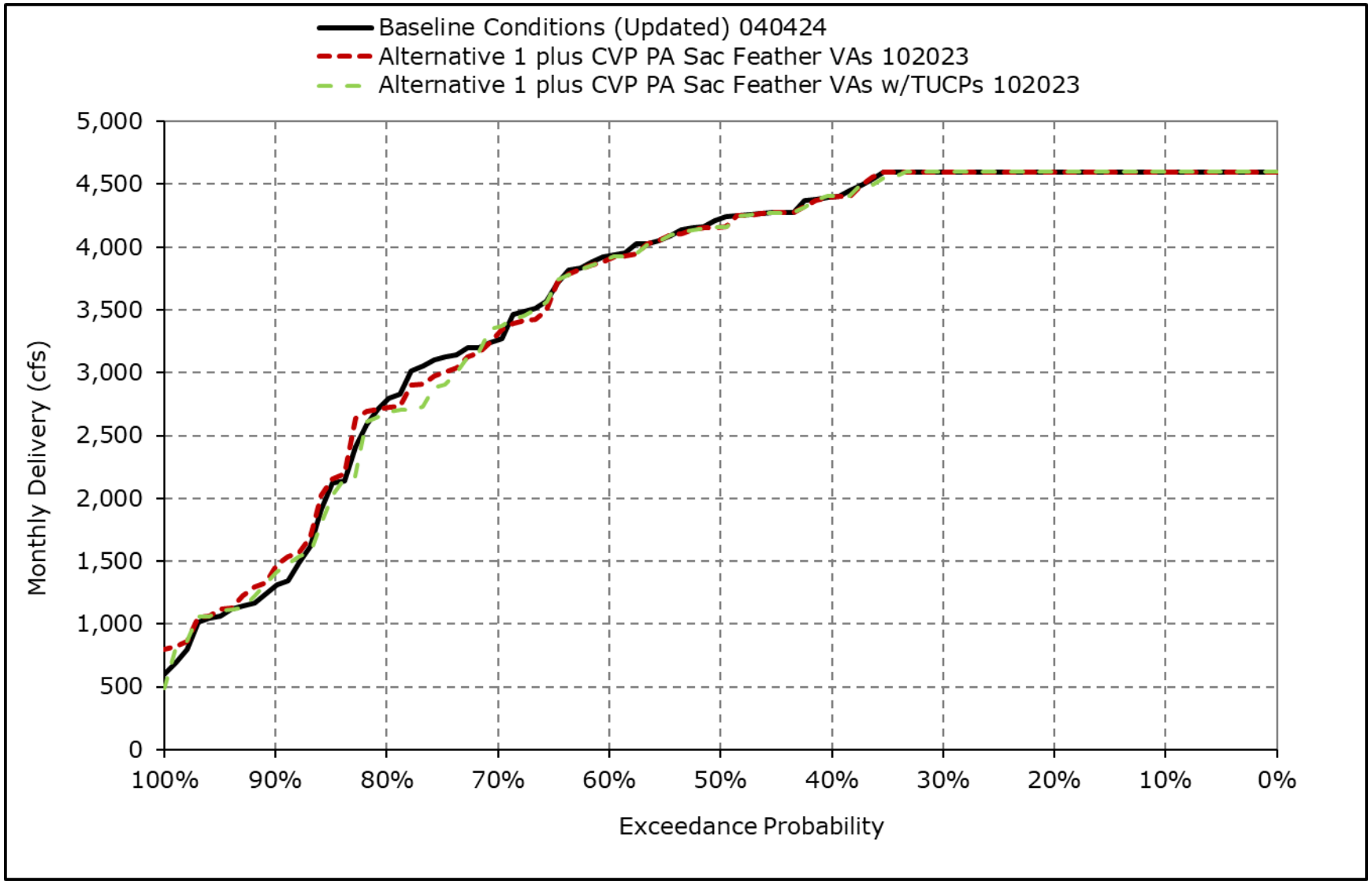
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7h. Jones PP Exports, November



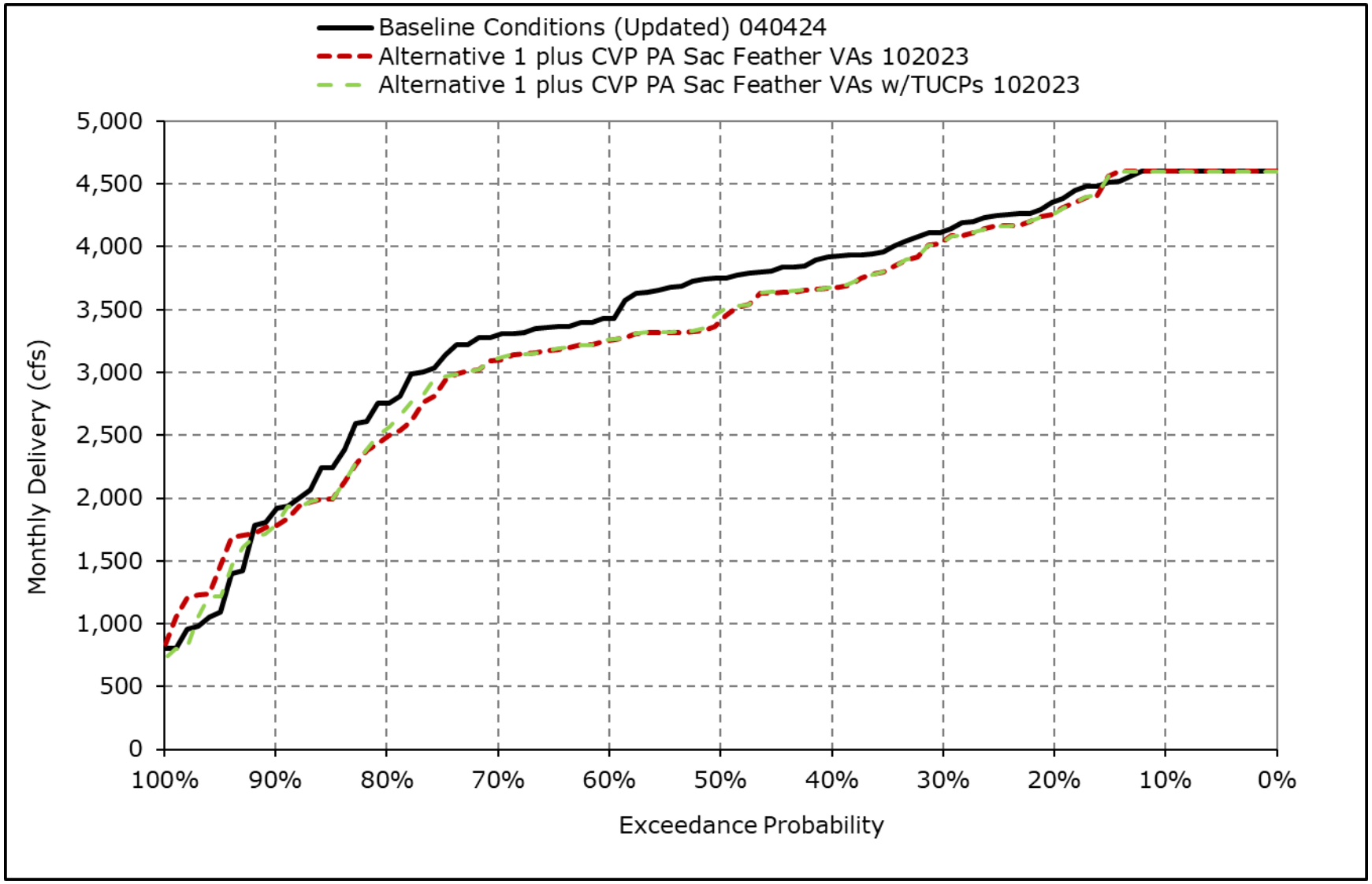
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7i. Jones PP Exports, December



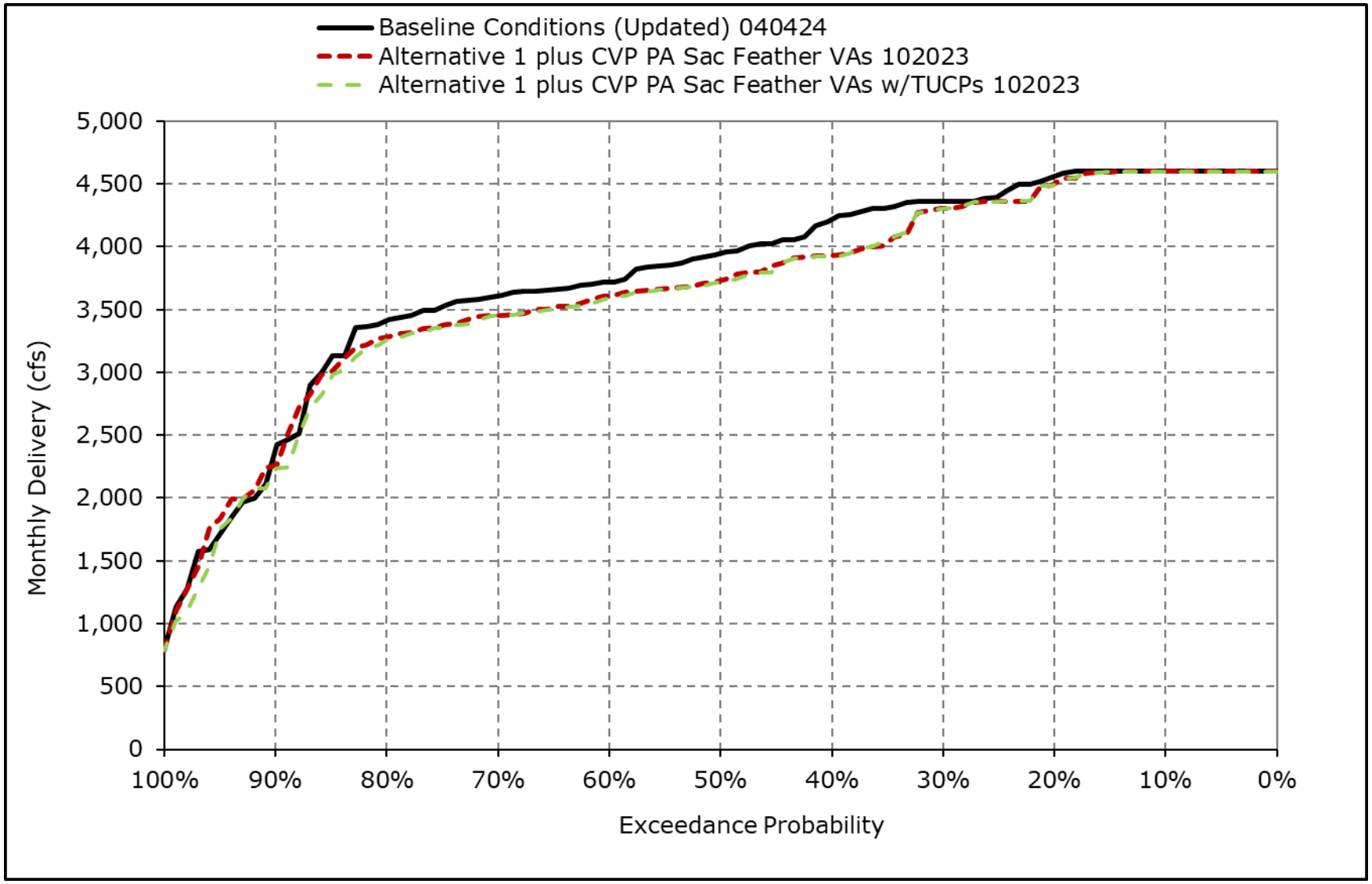
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7j. Jones PP Exports, January



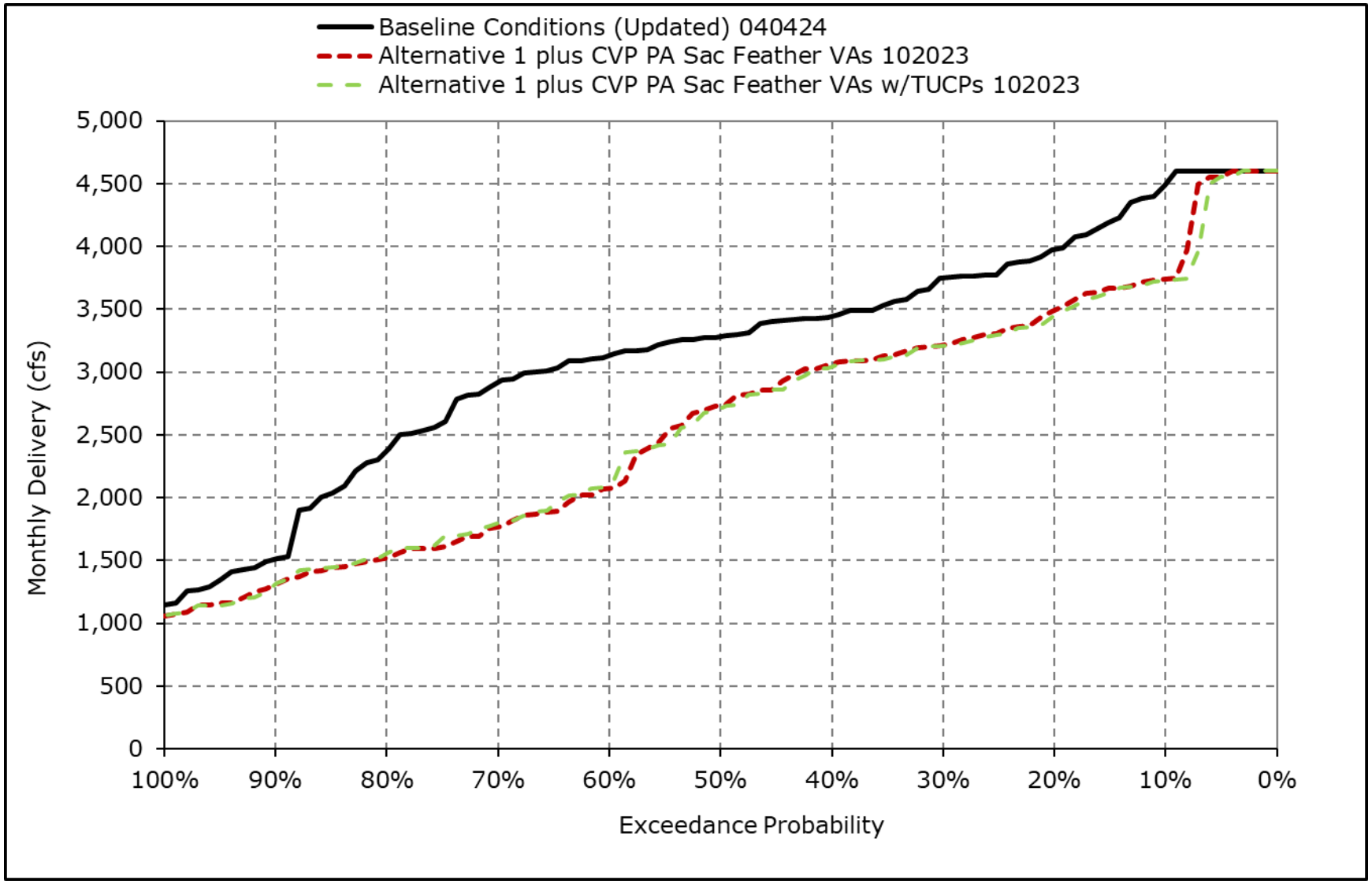
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7k. Jones PP Exports, February



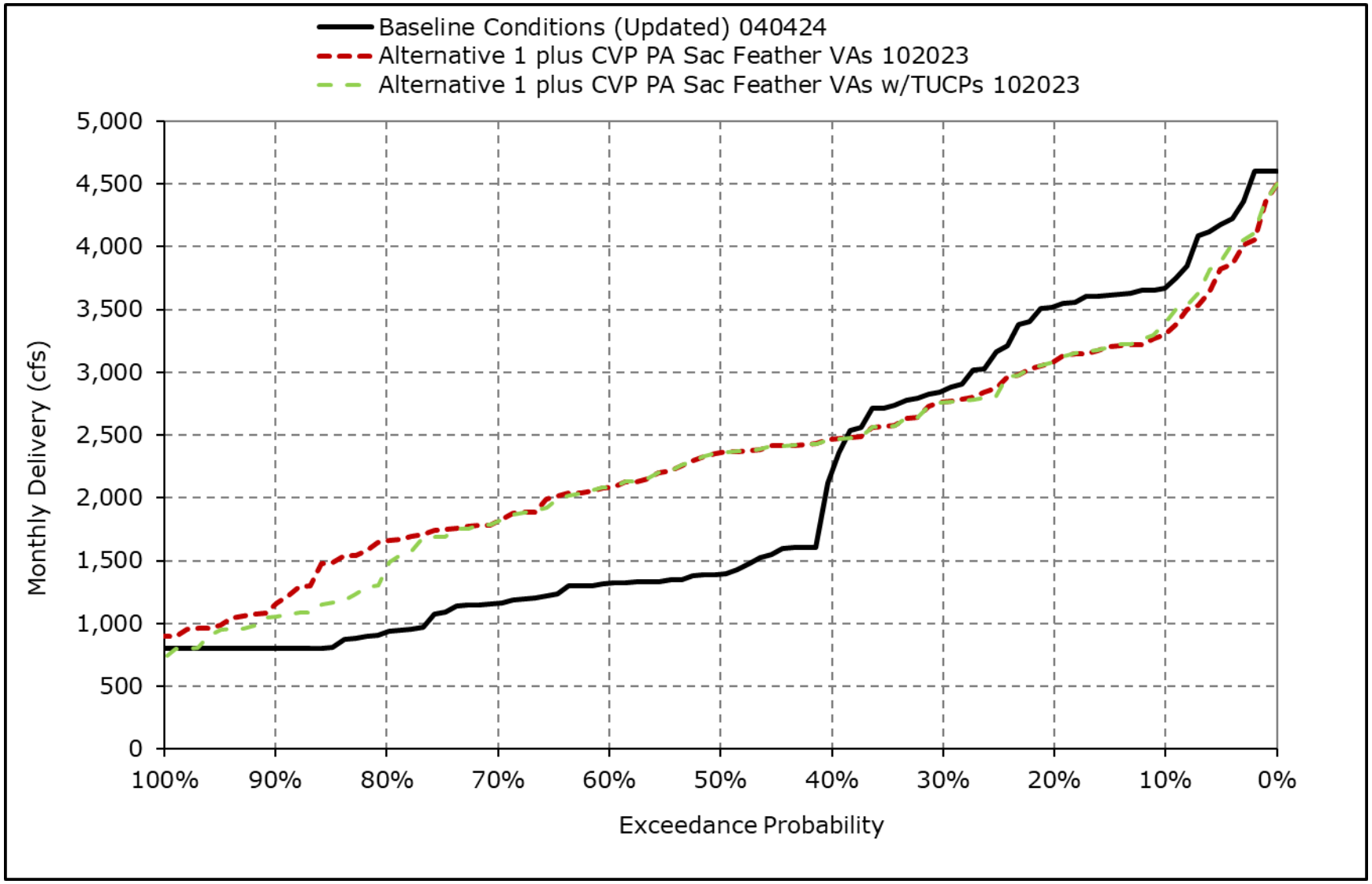
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7l. Jones PP Exports, March



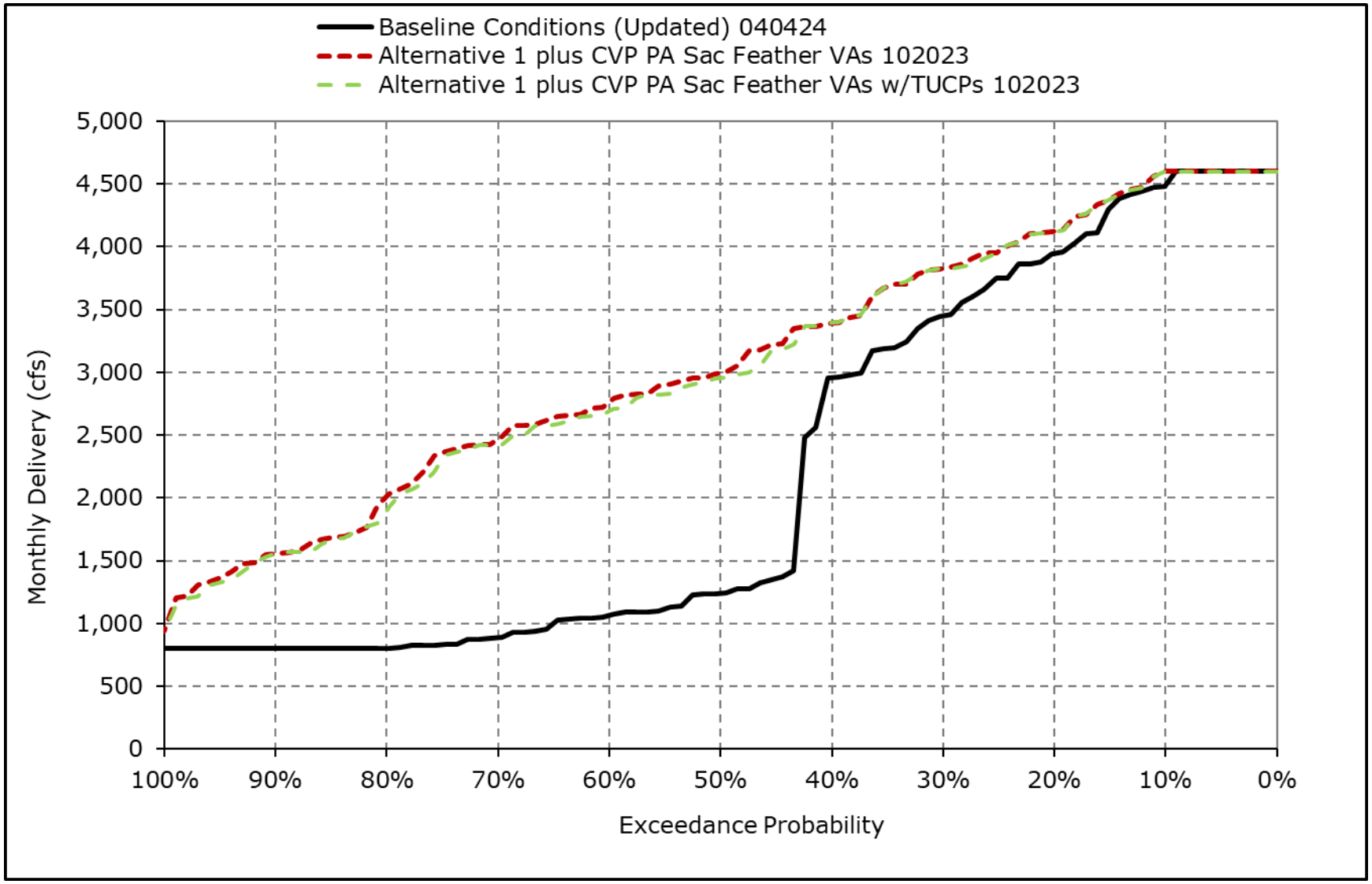
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7m. Jones PP Exports, April



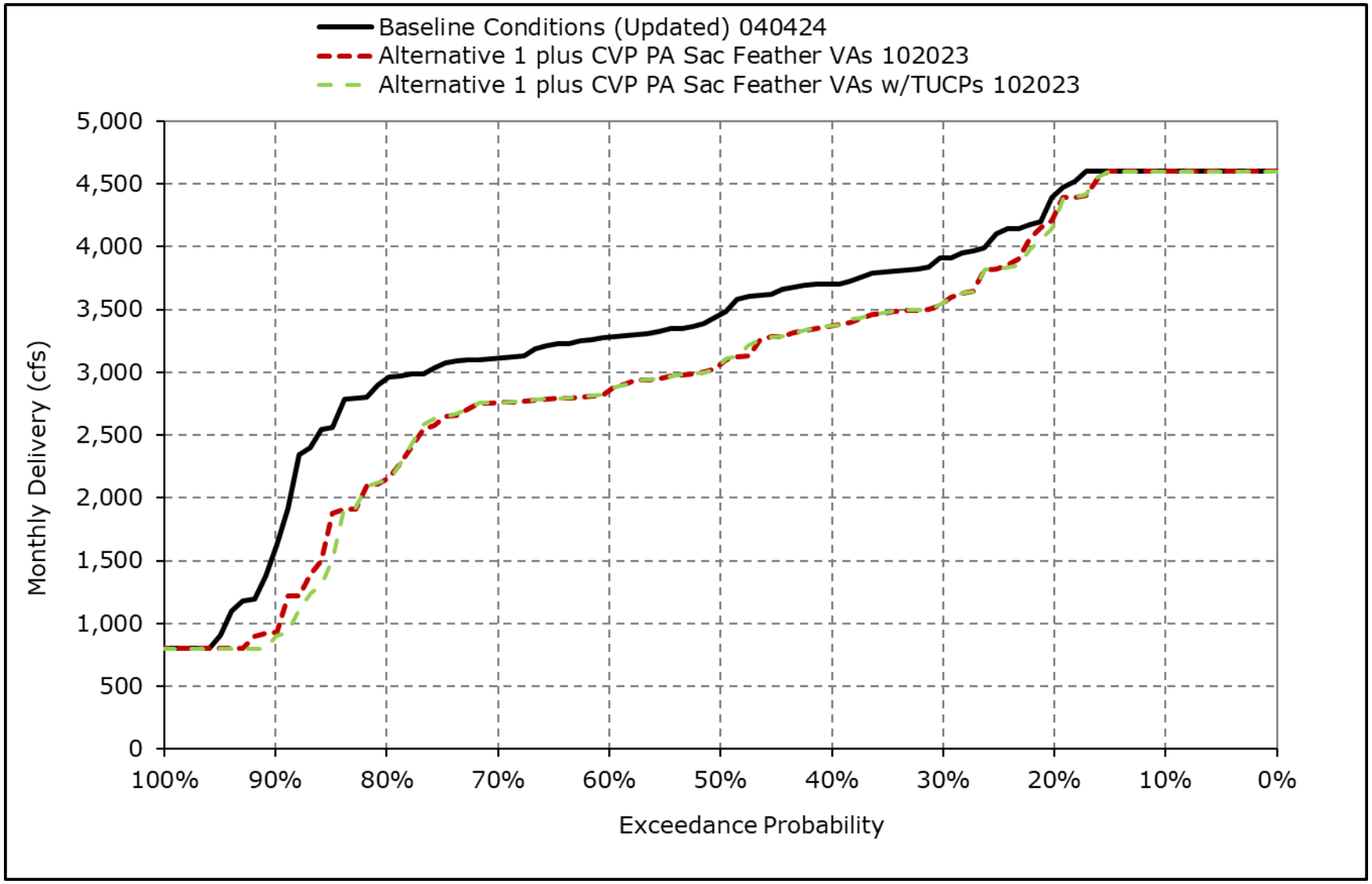
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7n. Jones PP Exports, May



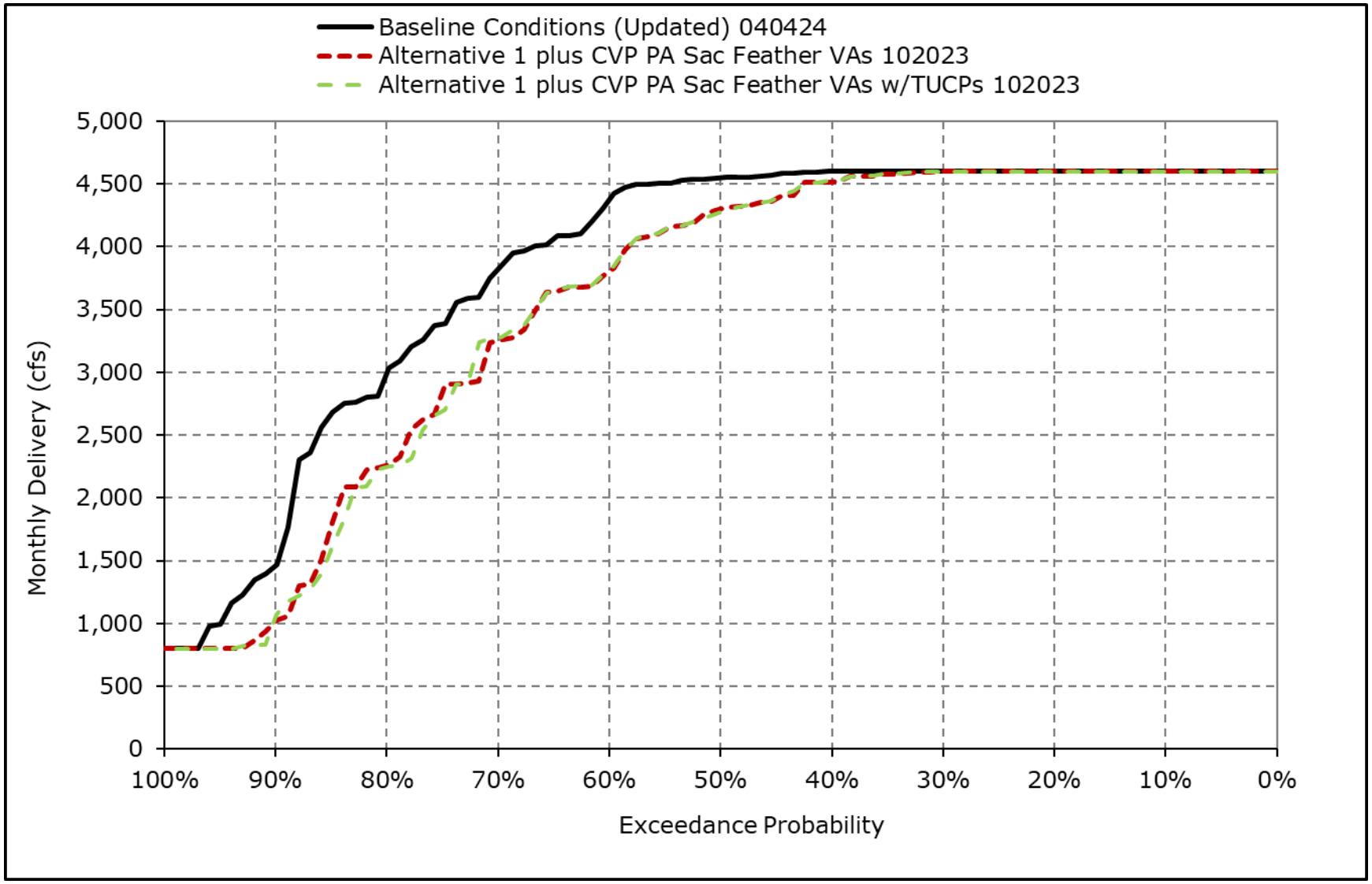
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7o. Jones PP Exports, June



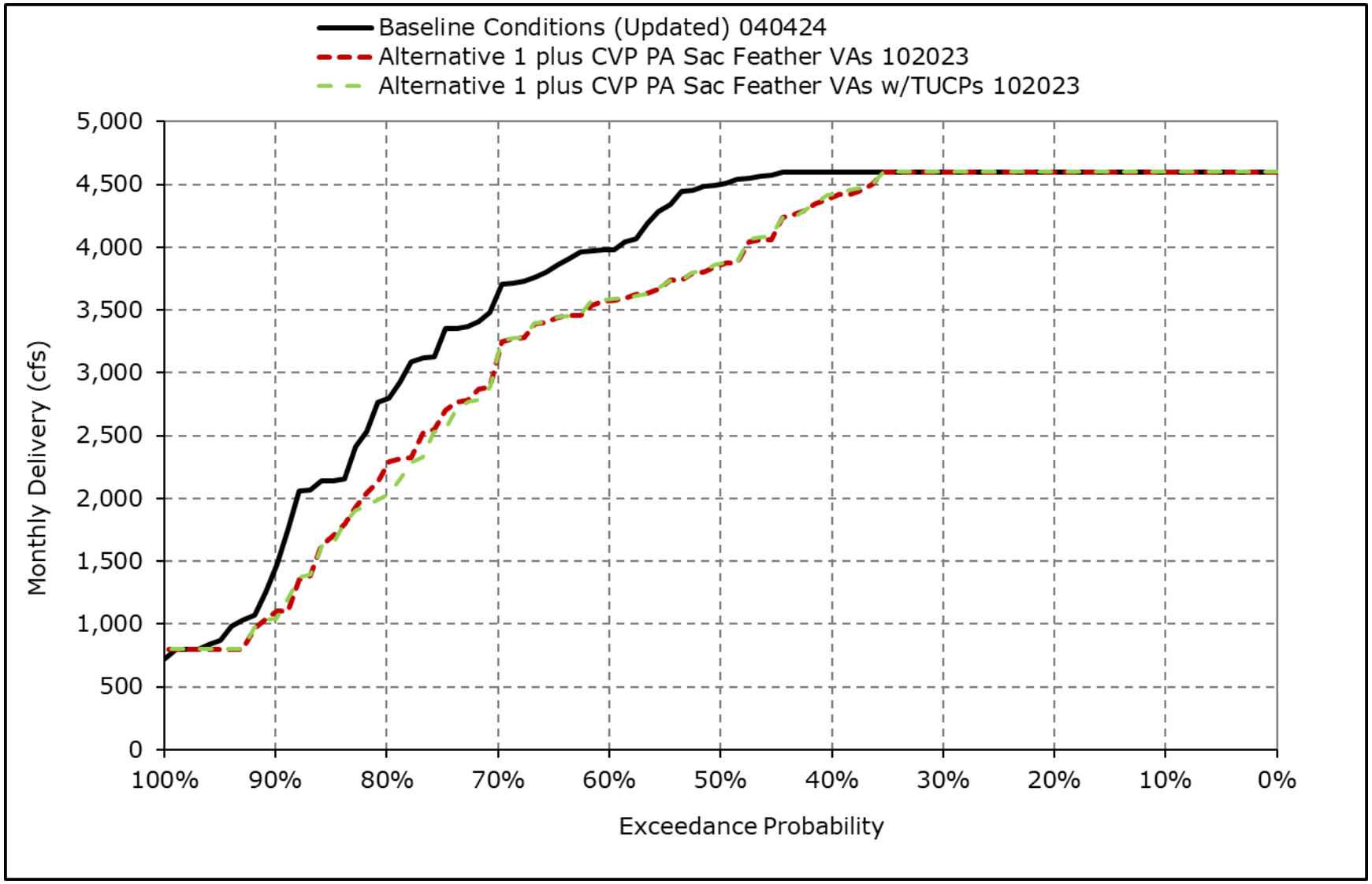
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7p. Jones PP Exports, July



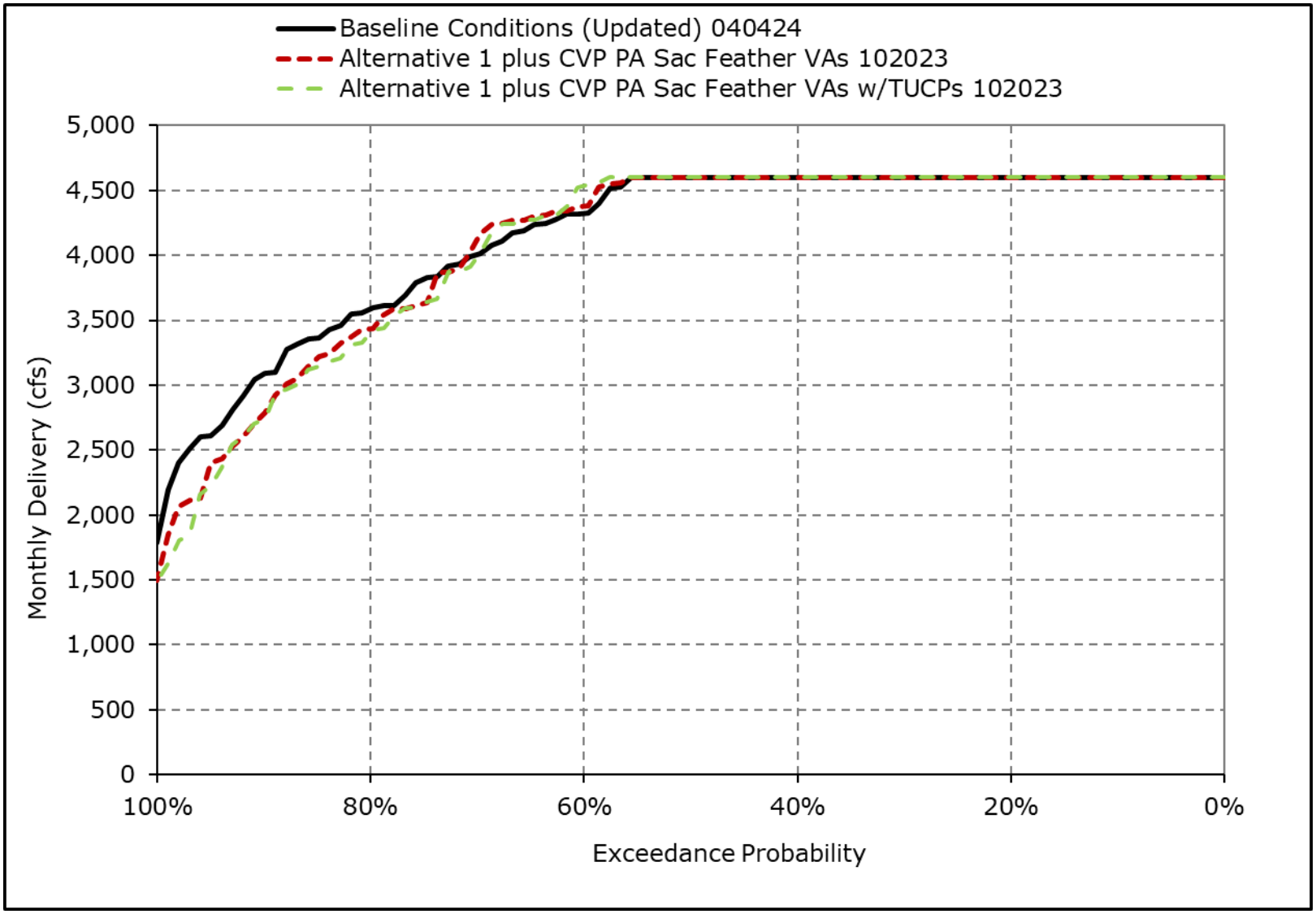
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7q. Jones PP Exports, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-7r. Jones PP Exports, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Table 4F-4-8-1a. Total Delta Exports, Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11,043	11,280	11,623	8,878	10,592	9,047	8,132	7,588	9,849	11,780	11,780	11,090
20% Exceedance	9,365	11,280	10,529	7,895	9,357	7,831	5,297	5,805	6,919	11,780	11,515	10,436
30% Exceedance	8,238	11,280	9,646	7,105	8,070	7,346	4,544	4,269	6,343	11,780	11,455	10,358
40% Exceedance	7,459	11,280	8,144	6,873	7,446	6,566	3,353	3,582	5,765	11,699	11,455	9,615
50% Exceedance	6,803	9,602	7,732	6,566	6,789	6,216	2,421	2,071	5,404	11,437	10,994	8,668
60% Exceedance	5,830	7,473	7,318	6,381	6,577	5,673	2,212	1,773	5,231	11,082	10,154	7,005
70% Exceedance	4,607	5,488	6,798	6,022	6,401	5,409	1,963	1,478	5,159	10,024	7,190	5,915
80% Exceedance	3,852	4,250	6,073	5,600	6,046	5,123	1,493	1,400	4,889	8,504	5,307	5,090
90% Exceedance	2,891	3,086	3,994	4,966	5,628	4,667	1,400	1,400	2,223	3,425	2,641	4,063
Full Simulation Period Average[a]	6,686	8,167	7,850	6,707	7,600	6,402	3,676	3,552	5,872	9,821	8,980	8,011
Wet Water Years (30%)	8,121	9,791	8,953	8,300	9,558	8,132	6,947	6,602	8,324	11,572	11,277	9,957
Above Normal Water Years (11%)	5,766	8,285	8,259	6,974	7,853	6,748	4,077	4,649	6,347	10,672	11,401	8,352
Below Normal Water Years (21%)	7,087	8,817	7,930	6,159	7,234	6,349	1,944	2,101	5,736	11,598	11,191	10,093
Dry Water Years (22%)	6,613	7,901	7,790	5,951	6,212	5,475	1,967	1,650	5,014	10,070	7,059	6,176
Critical Water Years (16%)	4,203	4,551	5,477	5,298	6,144	4,263	1,889	1,597	2,307	3,278	2,747	3,920

Table 4F-4-8-1b. Total Delta Exports, Alternative 1 plus CVP PA Sac Feather VAs 102023, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	10,770	11,280	11,624	8,652	10,954	8,847	7,436	9,024	9,853	11,780	11,780	11,780
20% Exceedance	8,943	11,280	10,338	7,716	8,936	7,224	5,962	7,094	6,568	11,780	11,780	11,780
30% Exceedance	8,112	11,280	9,471	6,966	7,840	6,317	4,987	6,364	5,816	11,760	11,780	11,527
40% Exceedance	7,432	11,280	8,131	6,724	7,157	5,914	4,247	5,735	5,460	11,585	11,447	10,056
50% Exceedance	6,566	9,544	7,708	6,310	6,457	5,399	3,321	4,432	4,868	11,340	10,974	8,766
60% Exceedance	5,537	7,657	7,129	5,886	6,192	5,139	3,089	4,048	4,668	10,822	9,882	6,842
70% Exceedance	5,036	5,569	6,809	5,530	5,949	4,582	2,884	3,545	4,583	9,614	7,390	6,242
80% Exceedance	3,860	4,544	6,162	5,243	5,738	3,468	2,462	2,973	4,408	7,164	4,522	5,402
90% Exceedance	2,850	3,114	4,020	4,781	5,321	2,803	1,882	2,119	2,121	3,070	2,600	3,858
Full Simulation Period Average[a]	6,560	8,257	7,852	6,498	7,401	5,613	4,217	5,200	5,484	9,596	8,912	8,373
Wet Water Years (30%)	7,996	9,961	8,883	8,137	9,651	7,695	6,432	8,006	8,058	11,604	11,615	11,052
Above Normal Water Years (11%)	5,380	8,301	8,531	6,792	7,597	5,364	3,821	5,536	5,932	10,898	11,513	8,813
Below Normal Water Years (21%)	6,926	8,852	8,122	5,931	6,972	4,717	4,004	4,894	5,313	11,366	10,941	9,865
Dry Water Years (22%)	6,551	8,066	7,717	5,690	5,801	4,741	2,758	3,359	4,527	9,289	6,642	6,341
Critical Water Years (16%)	4,209	4,515	5,281	5,079	5,808	4,253	2,624	2,640	1,892	3,036	2,515	3,885

Table 4F-4-8-1c. Total Delta Exports, Alternative 1 plus CVP PA Sac Feather VAs 102023 minus Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-273	0	1	-227	363	-200	-696	1,436	4	0	0	690
20% Exceedance	-422	0	-191	-179	-421	-607	665	1,289	-351	0	265	1,344
30% Exceedance	-126	0	-175	-139	-230	-1,029	443	2,095	-527	-20	325	1,169
40% Exceedance	-27	0	-13	-148	-289	-652	895	2,153	-306	-113	-8	441
50% Exceedance	-236	-58	-23	-257	-333	-817	900	2,362	-536	-97	-20	98
60% Exceedance	-293	184	-189	-494	-386	-534	878	2,274	-563	-259	-272	-162
70% Exceedance	428	81	11	-491	-452	-827	921	2,068	-576	-410	200	327
80% Exceedance	8	294	88	-357	-308	-1,655	970	1,573	-481	-1,340	-785	312
90% Exceedance	-42	28	26	-184	-307	-1,864	482	719	-102	-355	-41	-204
Full Simulation Period Average[a]	-127	91	2	-209	-199	-789	542	1,648	-388	-225	-68	362
Wet Water Years (30%)	-125	170	-70	-163	93	-437	-515	1,404	-266	32	337	1,095
Above Normal Water Years (11%)	-386	16	272	-183	-256	-1,384	-256	887	-415	225	112	461
Below Normal Water Years (21%)	-161	35	193	-228	-262	-1,632	2,060	2,793	-423	-232	-249	-228
Dry Water Years (22%)	-62	165	-72	-261	-411	-734	791	1,710	-487	-780	-417	165
Critical Water Years (16%)	6	-36	-196	-219	-336	-10	735	1,043	-415	-242	-233	-35

[a] Based on the 100-year simulation period.

* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* Water Year Types results are displayed with water year - year type sorting.

Table 4F-4-8-2a. Total Delta Exports, Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	11,043	11,280	11,623	8,878	10,592	9,047	8,132	7,588	9,849	11,780	11,780	11,090
20% Exceedance	9,365	11,280	10,529	7,895	9,357	7,831	5,297	5,805	6,919	11,780	11,515	10,436
30% Exceedance	8,238	11,280	9,646	7,105	8,070	7,346	4,544	4,269	6,343	11,780	11,455	10,358
40% Exceedance	7,459	11,280	8,144	6,873	7,446	6,566	3,353	3,582	5,765	11,699	11,455	9,615
50% Exceedance	6,803	9,602	7,732	6,566	6,789	6,216	2,421	2,071	5,404	11,437	10,994	8,668
60% Exceedance	5,830	7,473	7,318	6,381	6,577	5,673	2,212	1,773	5,231	11,082	10,154	7,005
70% Exceedance	4,607	5,488	6,798	6,022	6,401	5,409	1,963	1,478	5,159	10,024	7,190	5,915
80% Exceedance	3,852	4,250	6,073	5,600	6,046	5,123	1,493	1,400	4,889	8,504	5,307	5,090
90% Exceedance	2,891	3,086	3,994	4,966	5,628	4,667	1,400	1,400	2,223	3,425	2,641	4,063
Full Simulation Period Average[a]	6,686	8,167	7,850	6,707	7,600	6,402	3,676	3,552	5,872	9,821	8,980	8,011
Wet Water Years (30%)	8,121	9,791	8,953	8,300	9,558	8,132	6,947	6,602	8,324	11,572	11,277	9,957
Above Normal Water Years (11%)	5,766	8,285	8,259	6,974	7,853	6,748	4,077	4,649	6,347	10,672	11,401	8,352
Below Normal Water Years (21%)	7,087	8,817	7,930	6,159	7,234	6,349	1,944	2,101	5,736	11,598	11,191	10,093
Dry Water Years (22%)	6,613	7,901	7,790	5,951	6,212	5,475	1,967	1,650	5,014	10,070	7,059	6,176
Critical Water Years (16%)	4,203	4,551	5,477	5,298	6,144	4,263	1,889	1,597	2,307	3,278	2,747	3,920

Table 4F-4-8-2b. Total Delta Exports, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	10,761	11,280	11,624	8,680	10,958	8,846	7,528	9,024	9,852	11,780	11,780	11,780
20% Exceedance	9,117	11,280	10,340	7,712	8,935	7,217	5,961	7,093	6,533	11,780	11,780	11,780
30% Exceedance	8,197	11,280	9,468	6,965	7,840	6,316	4,985	6,304	5,815	11,763	11,780	11,726
40% Exceedance	7,574	11,280	8,132	6,725	7,155	5,914	4,332	5,658	5,458	11,586	11,437	10,208
50% Exceedance	6,694	9,638	7,711	6,326	6,456	5,399	3,364	4,431	4,895	11,343	10,983	8,766
60% Exceedance	5,655	7,704	7,116	5,886	6,193	5,138	3,090	4,045	4,677	10,852	9,983	6,865
70% Exceedance	5,173	5,990	6,767	5,530	5,948	4,713	2,943	3,546	4,594	9,620	7,486	6,189
80% Exceedance	3,931	4,502	6,091	5,242	5,739	3,491	2,178	2,971	4,433	7,338	4,568	5,308
90% Exceedance	2,932	3,239	4,167	4,902	5,321	2,927	1,638	2,098	1,930	2,729	2,373	3,845
Full Simulation Period Average[a]	6,691	8,320	7,863	6,501	7,401	5,630	4,187	5,190	5,489	9,532	8,870	8,337
Wet Water Years (30%)	8,018	9,971	8,874	8,140	9,653	7,685	6,432	8,013	8,057	11,604	11,615	11,056
Above Normal Water Years (11%)	5,406	8,335	8,812	6,790	7,594	5,363	3,924	5,518	5,910	10,943	11,520	8,811
Below Normal Water Years (21%)	7,082	8,949	8,113	5,932	6,972	4,716	4,039	4,859	5,312	11,384	10,973	9,956
Dry Water Years (22%)	6,572	8,080	7,749	5,675	5,801	4,740	2,757	3,358	4,527	9,308	6,714	6,360
Critical Water Years (16%)	4,737	4,720	5,144	5,114	5,809	4,384	2,322	2,623	1,939	2,552	2,108	3,504

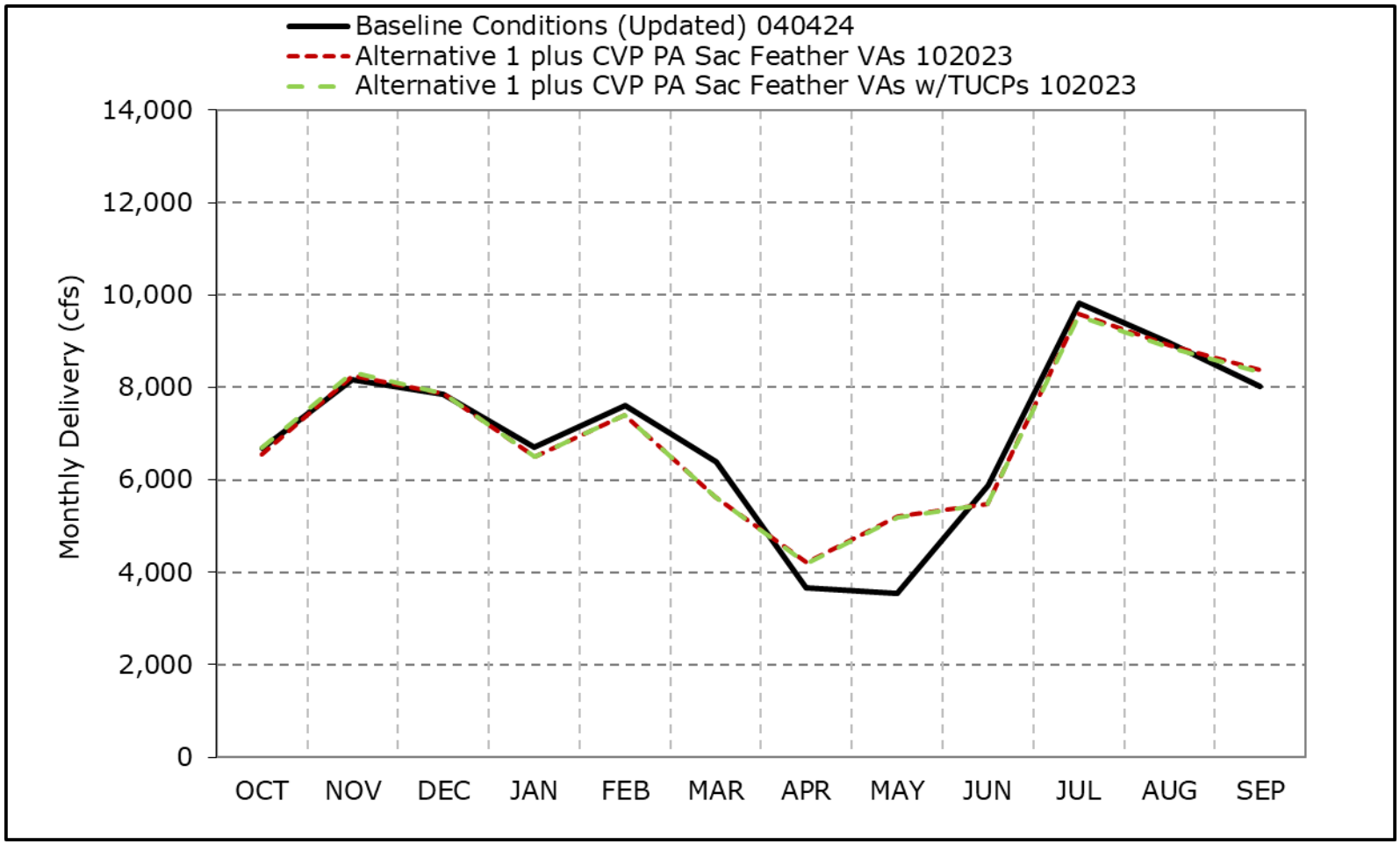
Table 4F-4-8-2c. Total Delta Exports, Alternative 1 plus CVP PA Sac Feather VAs w/TUCPs 102023 minus Baseline Conditions (Updated) 040424, Monthly Delivery (cfs)

Statistic	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
10% Exceedance	-282	0	1	-198	366	-200	-604	1,436	4	0	0	690
20% Exceedance	-248	0	-189	-183	-422	-614	664	1,288	-386	0	265	1,344
30% Exceedance	-42	0	-178	-140	-230	-1,031	441	2,035	-528	-17	325	1,369
40% Exceedance	115	0	-12	-148	-290	-652	980	2,075	-307	-113	-18	593
50% Exceedance	-109	36	-21	-241	-334	-817	944	2,360	-509	-94	-11	98
60% Exceedance	-175	231	-202	-494	-385	-535	878	2,272	-554	-230	-170	-140
70% Exceedance	565	501	-32	-491	-453	-695	980	2,068	-565	-404	296	274
80% Exceedance	79	252	18	-358	-307	-1,632	686	1,571	-455	-1,166	-739	218
90% Exceedance	41	153	173	-63	-306	-1,740	238	698	-293	-697	-267	-217
Full Simulation Period Average[a]	5	154	13	-206	-199	-772	512	1,638	-383	-290	-110	326
Wet Water Years (30%)	-103	180	-79	-160	95	-447	-515	1,411	-267	32	338	1,099
Above Normal Water Years (11%)	-360	50	553	-185	-260	-1,385	-152	869	-438	271	118	459
Below Normal Water Years (21%)	-5	132	183	-227	-262	-1,633	2,095	2,758	-424	-215	-218	-137
Dry Water Years (22%)	-41	179	-41	-276	-411	-735	790	1,708	-487	-762	-345	184
Critical Water Years (16%)	534	169	-333	-183	-335	121	432	1,026	-367	-726	-639	-416

[a] Based on the 100-year simulation period.

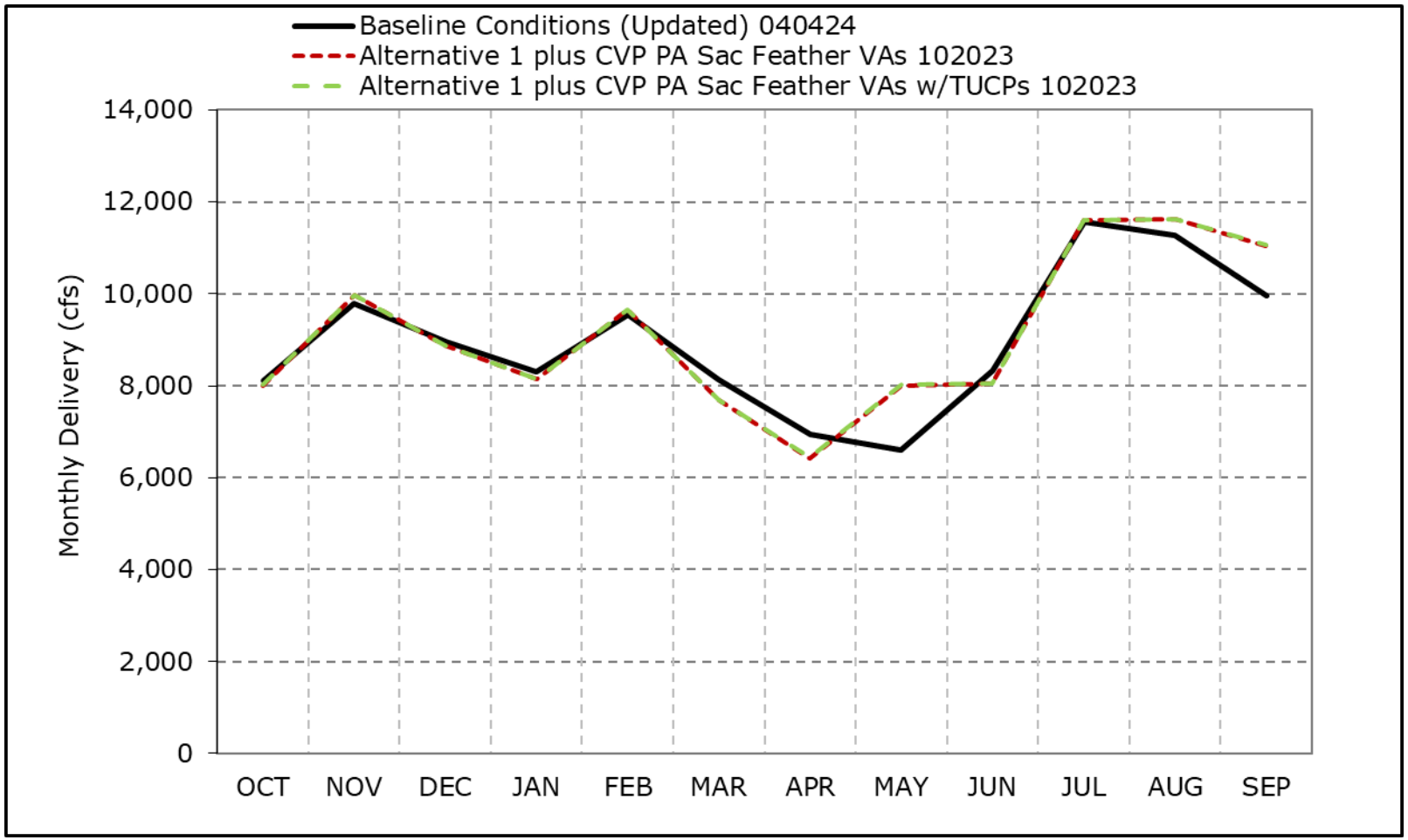
* All scenarios are simulated at current climate condition and 0 cm sea level rise.
* Water Year Types defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
* Water Year Types results are displayed with water year - year type sorting.

Figure 4F-4-8a. Total Delta Exports, Long-Term Average Delivery



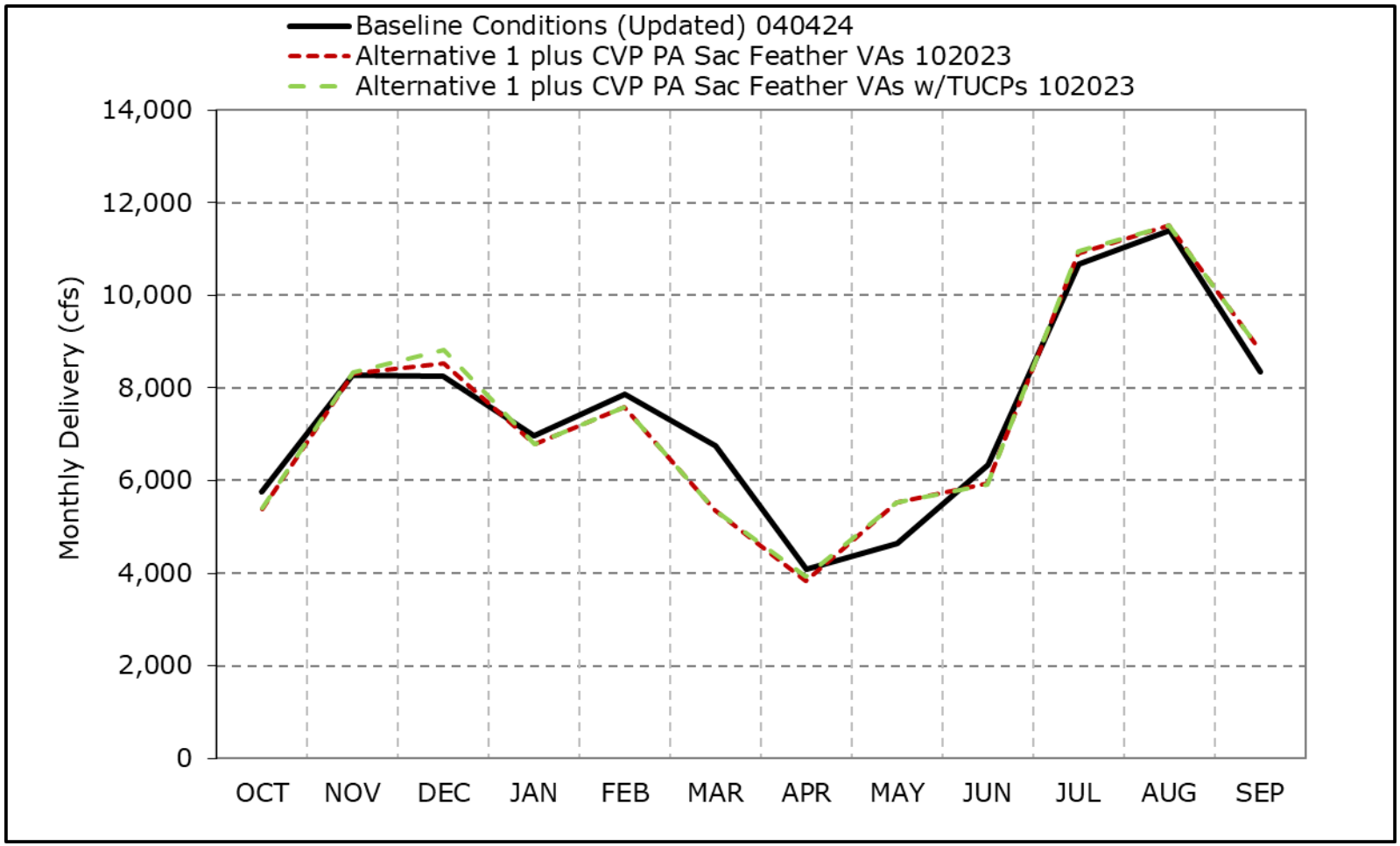
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8b. Total Delta Exports, Wet Year Average Delivery



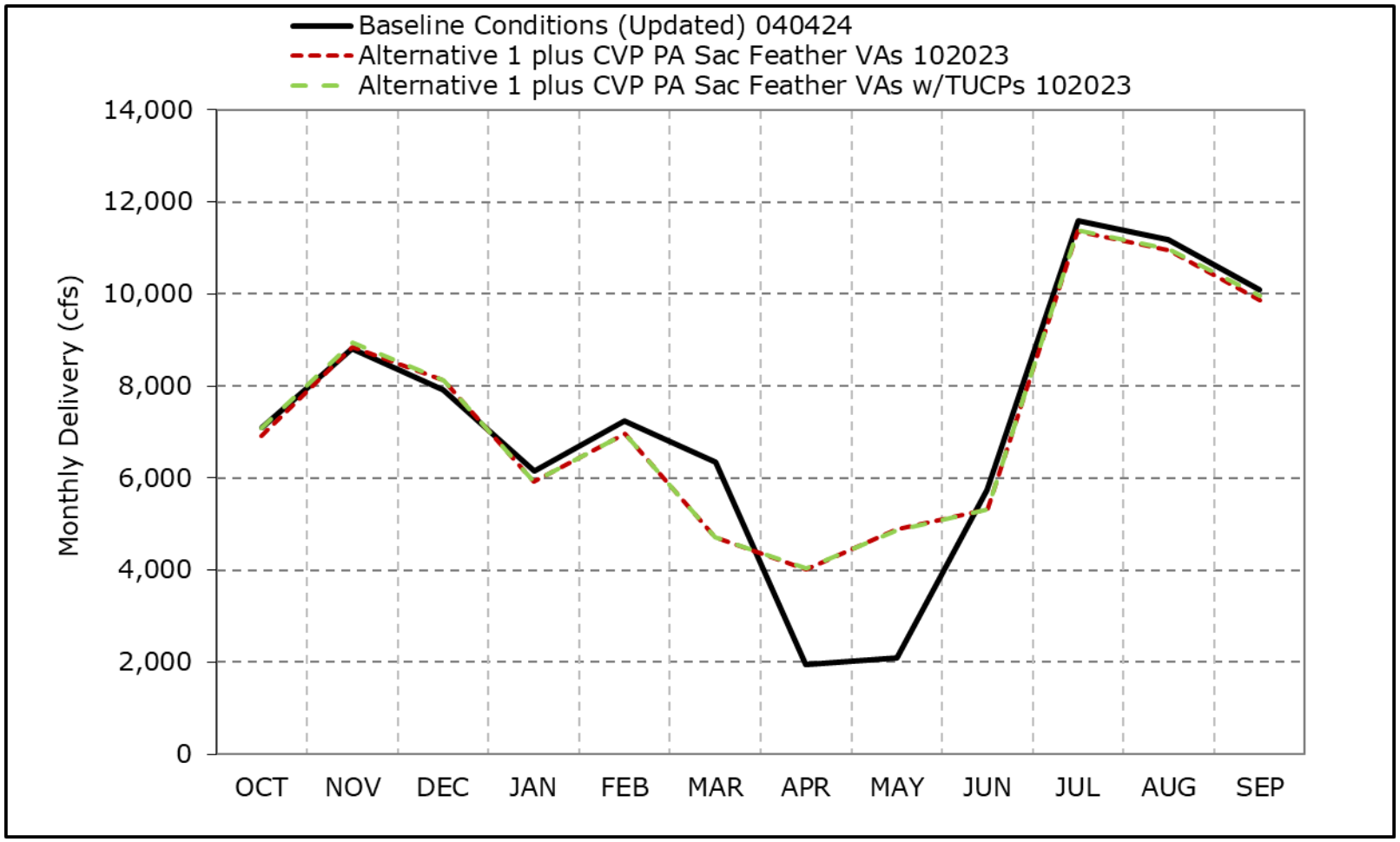
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8c. Total Delta Exports, Above Normal Year Average Delivery



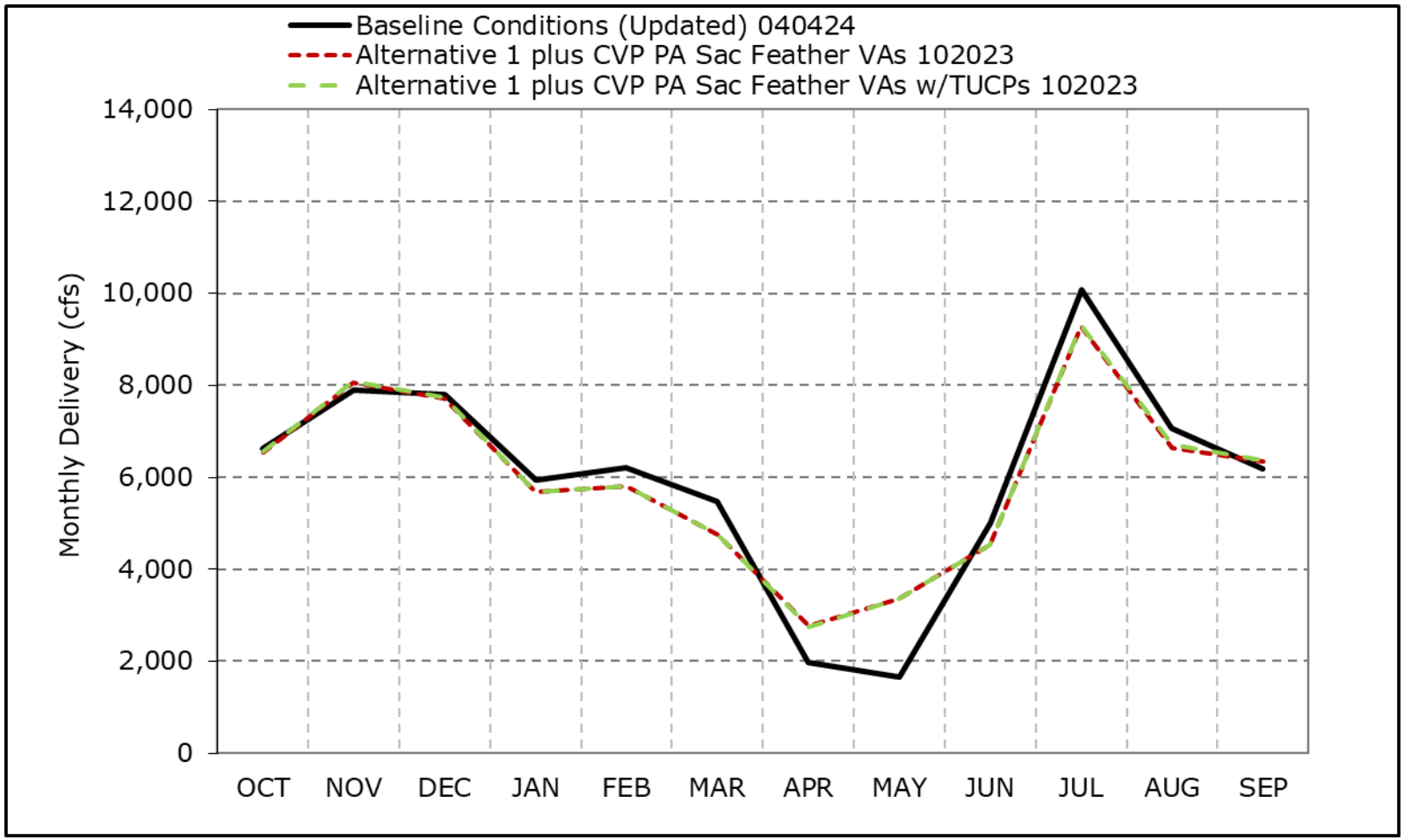
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8d. Total Delta Exports, Below Normal Year Average Delivery



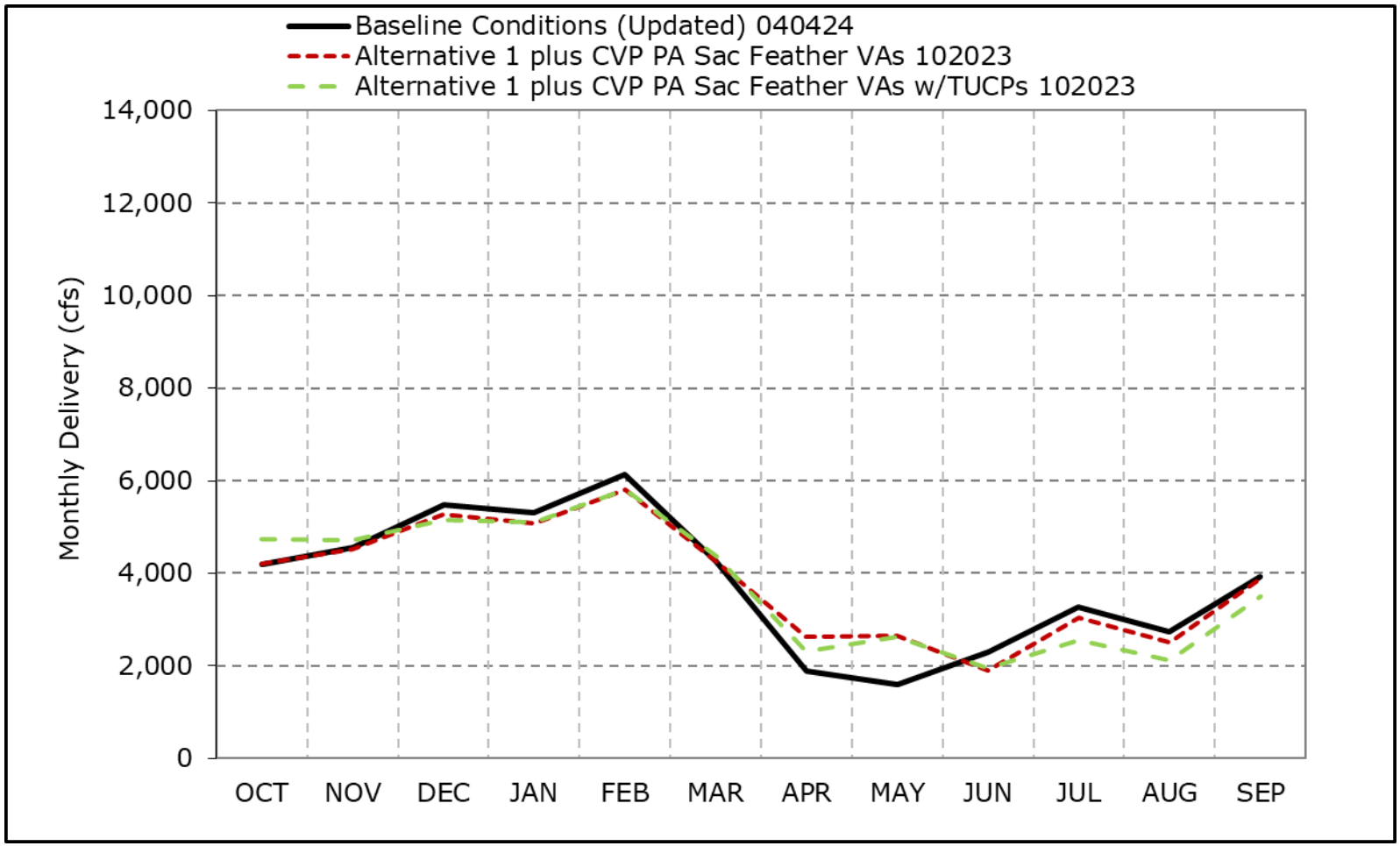
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8e. Total Delta Exports, Dry Year Average Delivery



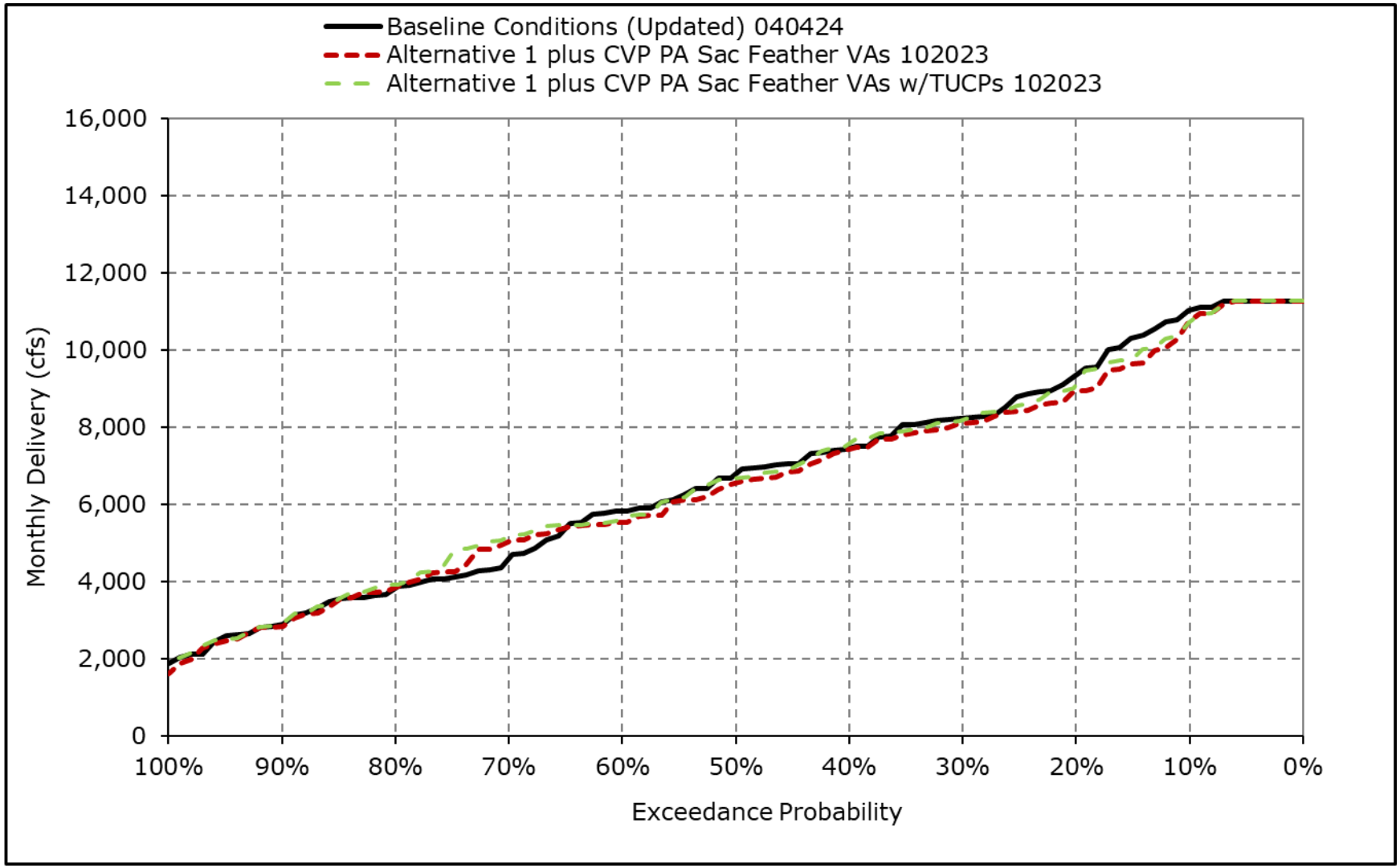
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8f. Total Delta Exports, Critical Year Average Delivery



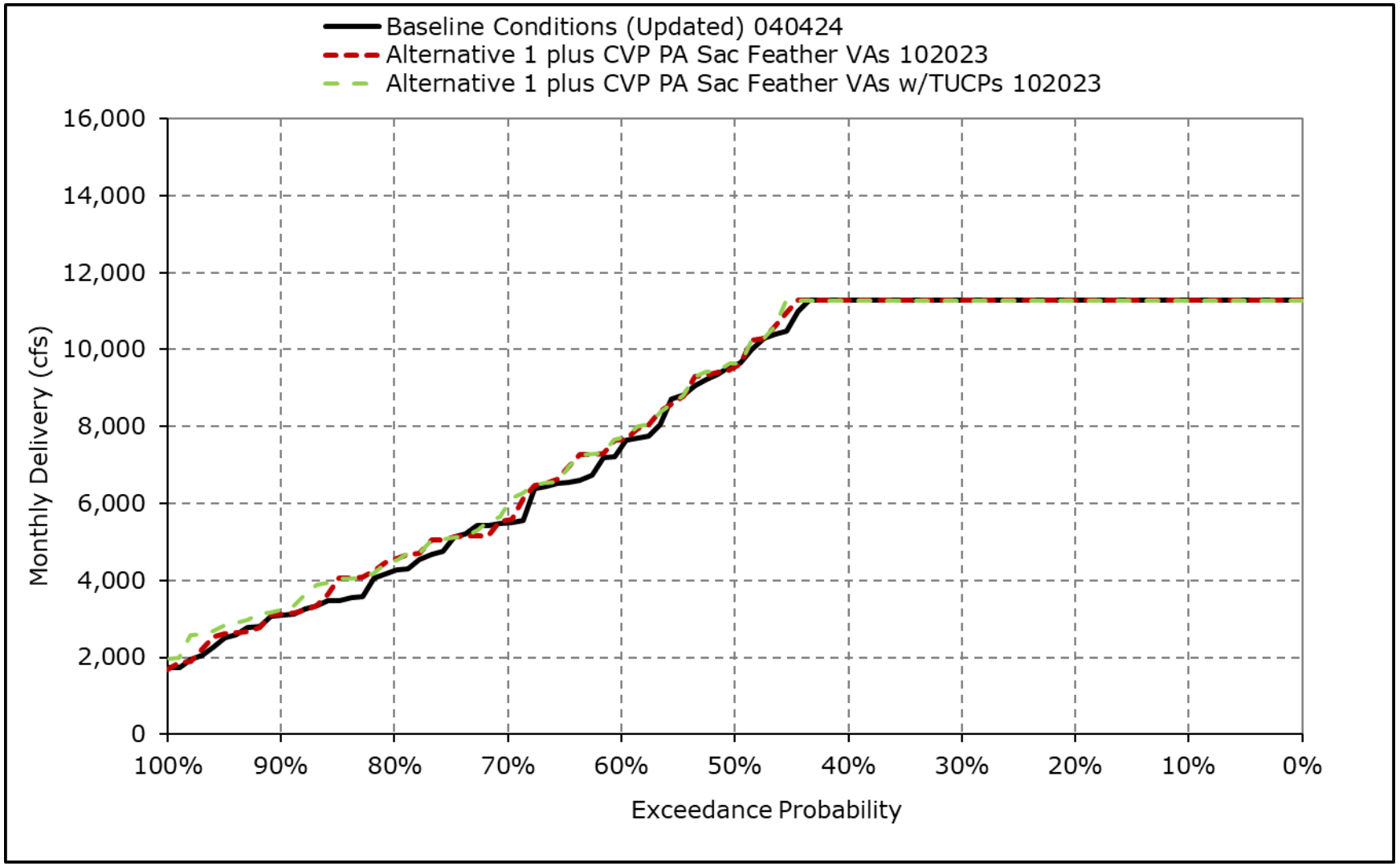
*As defined by the Sacramento Valley 40-30-30 Index Water Year Hydrologic Classification (SWRCB D-1641, 1999).
*These results are displayed with water year - year type sorting.
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8g. Total Delta Exports, October



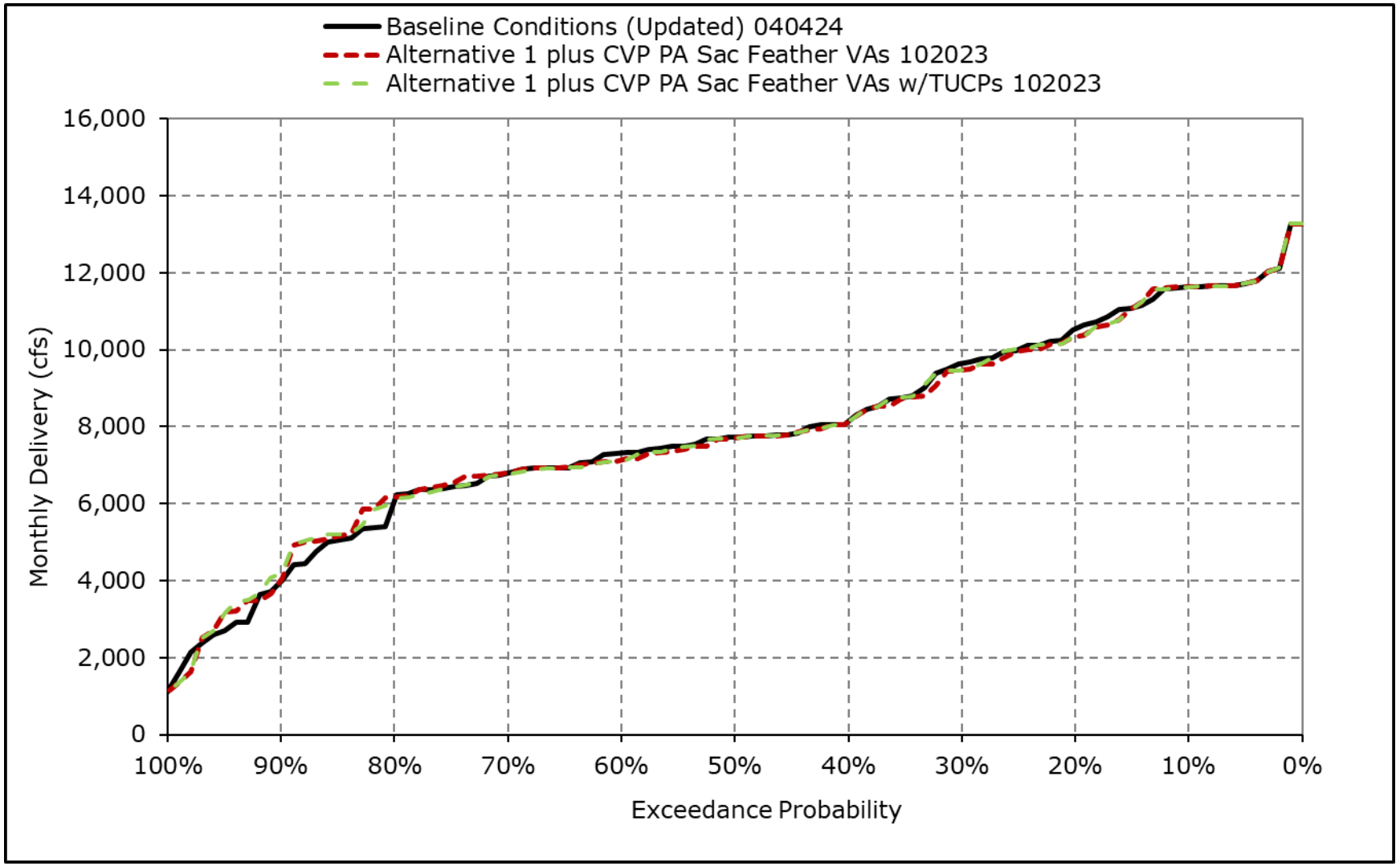
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8h. Total Delta Exports, November



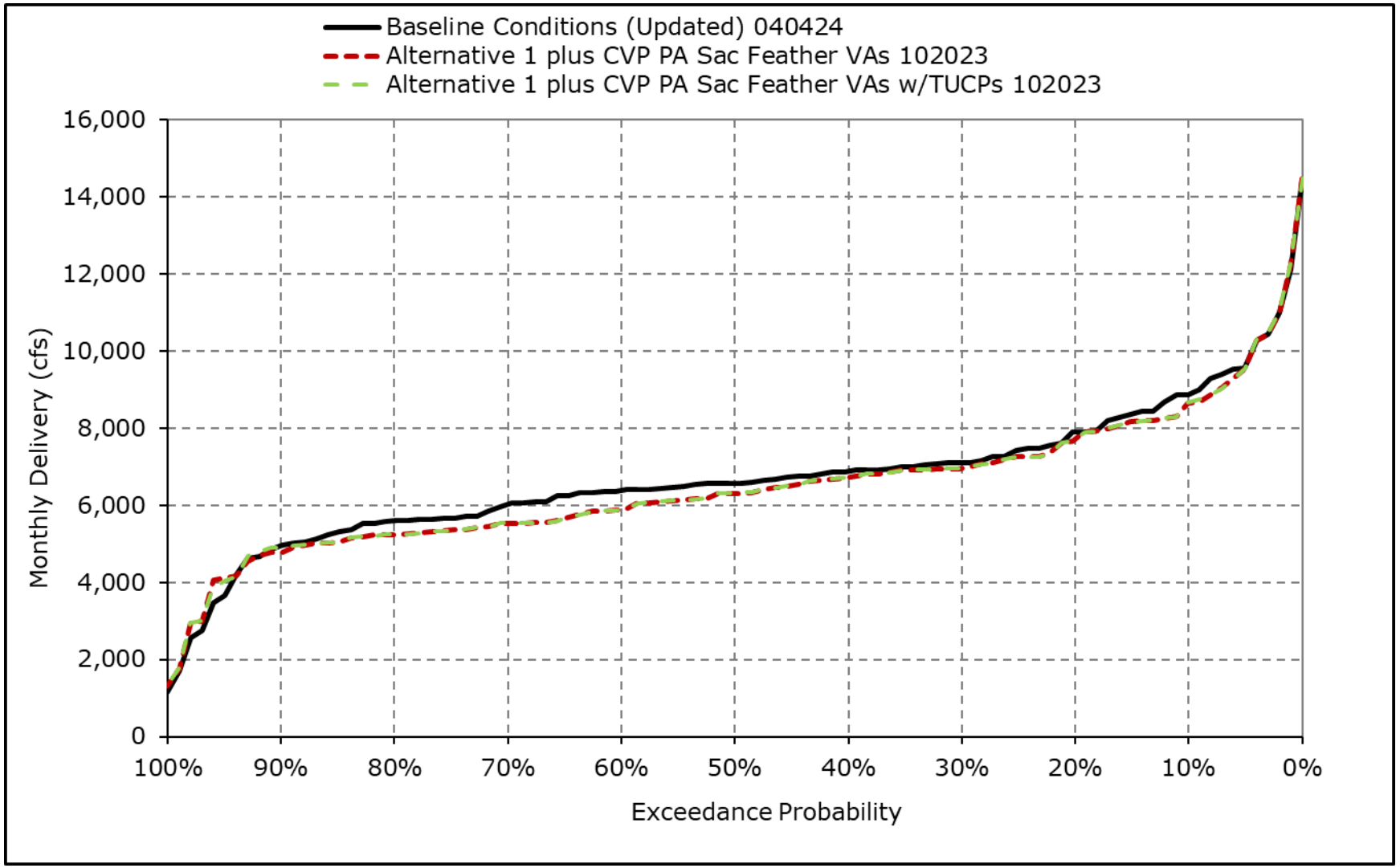
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8i. Total Delta Exports, December



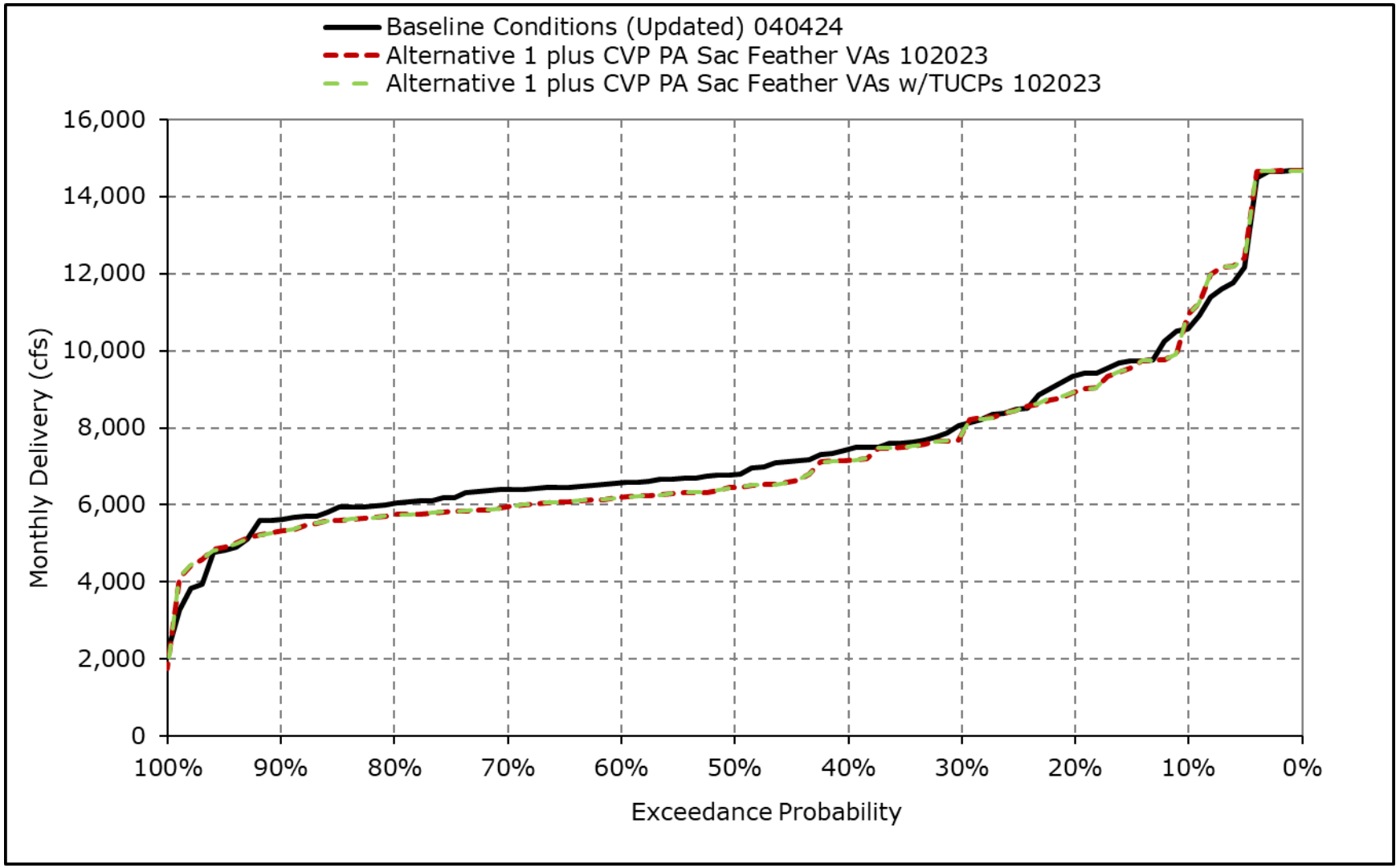
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8j. Total Delta Exports, January



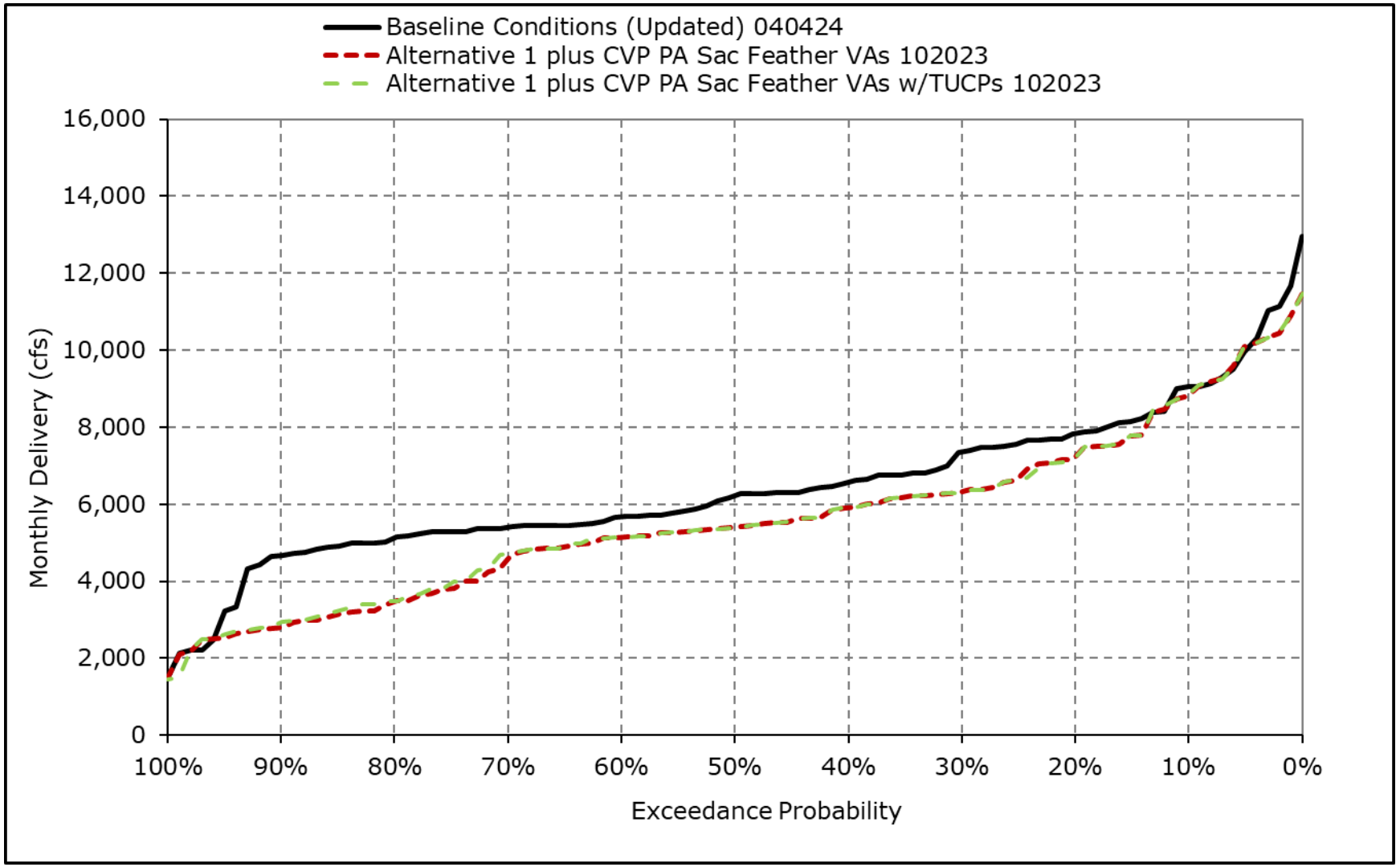
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8k. Total Delta Exports, February



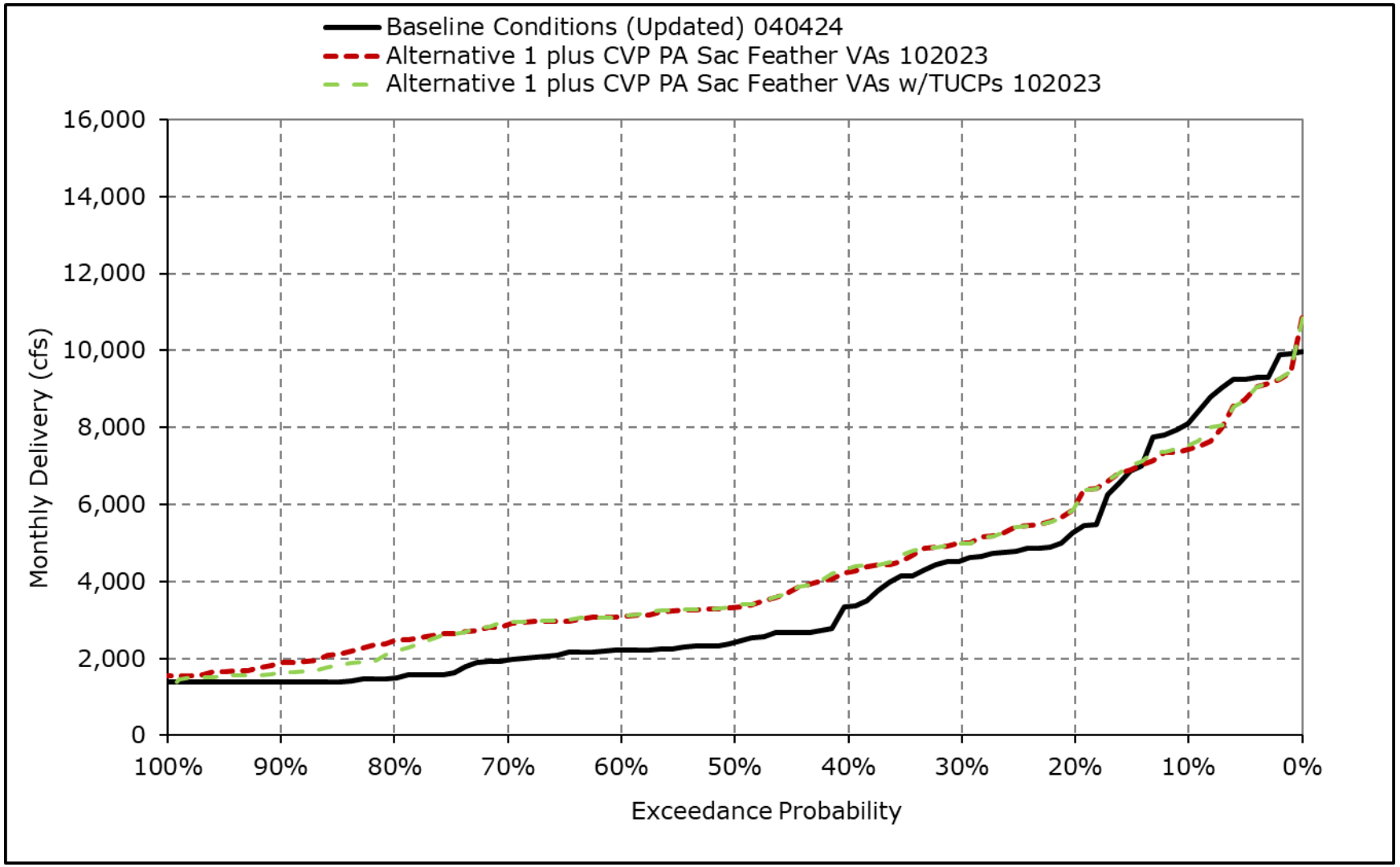
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8l. Total Delta Exports, March



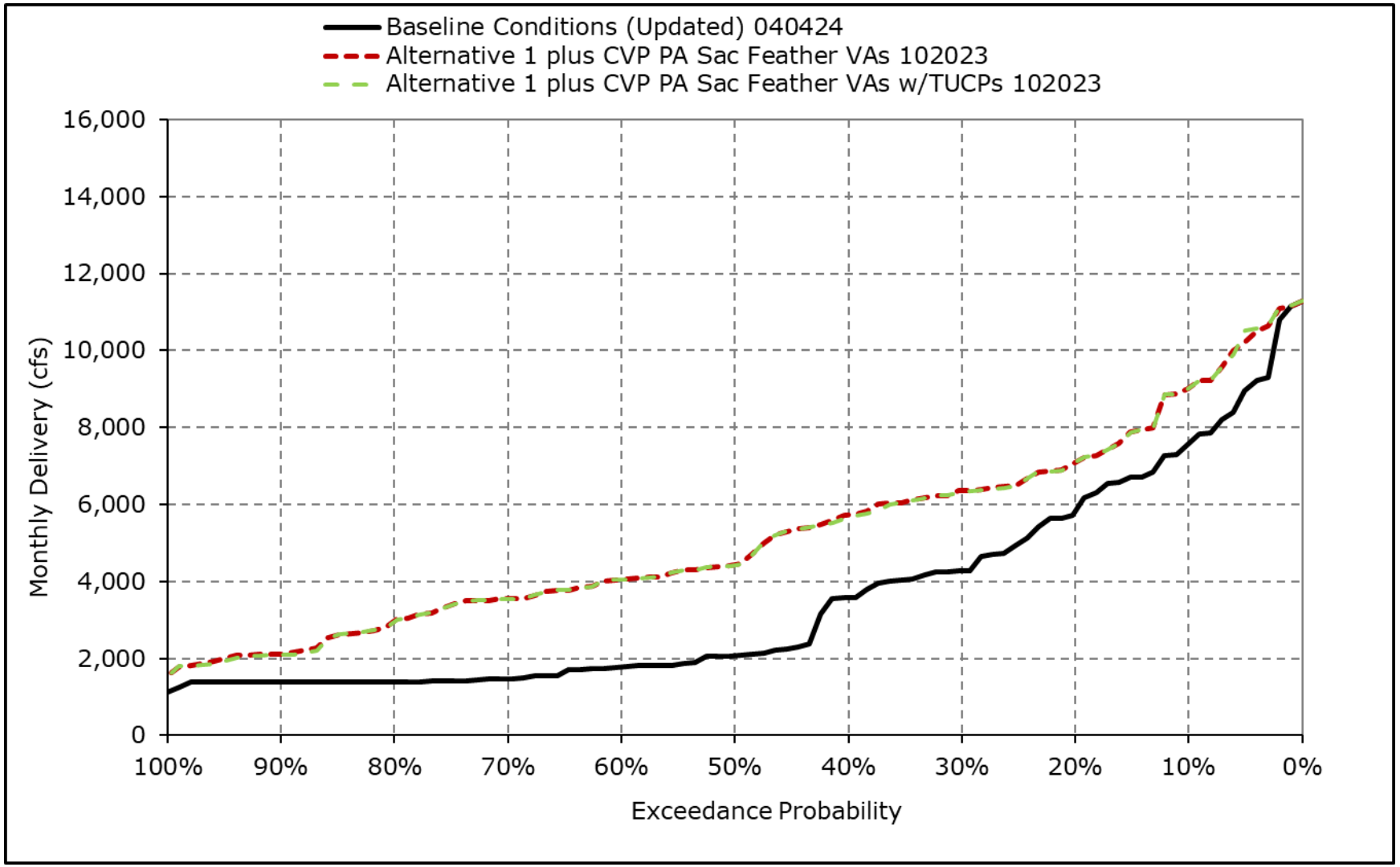
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8m. Total Delta Exports, April



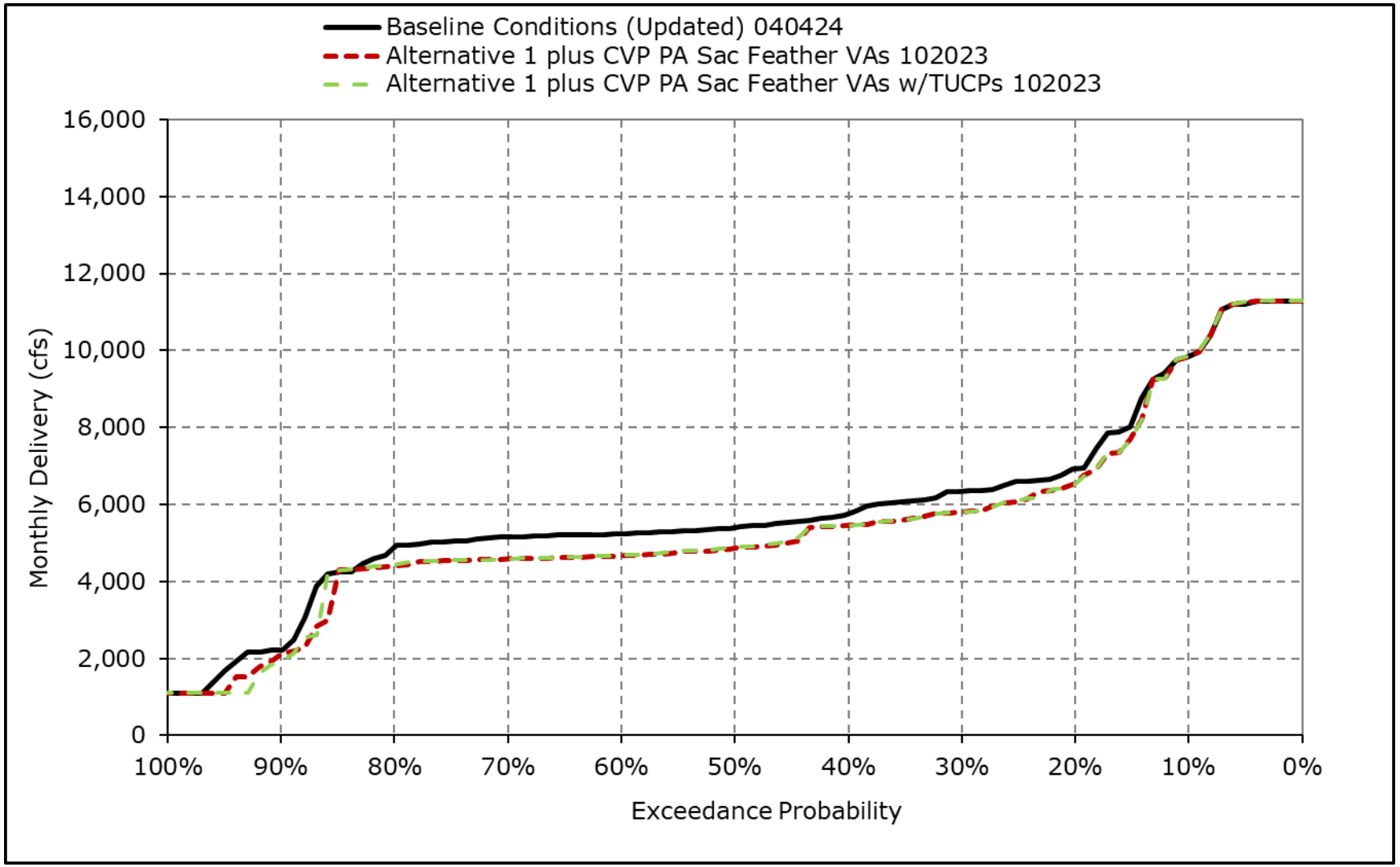
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8n. Total Delta Exports, May



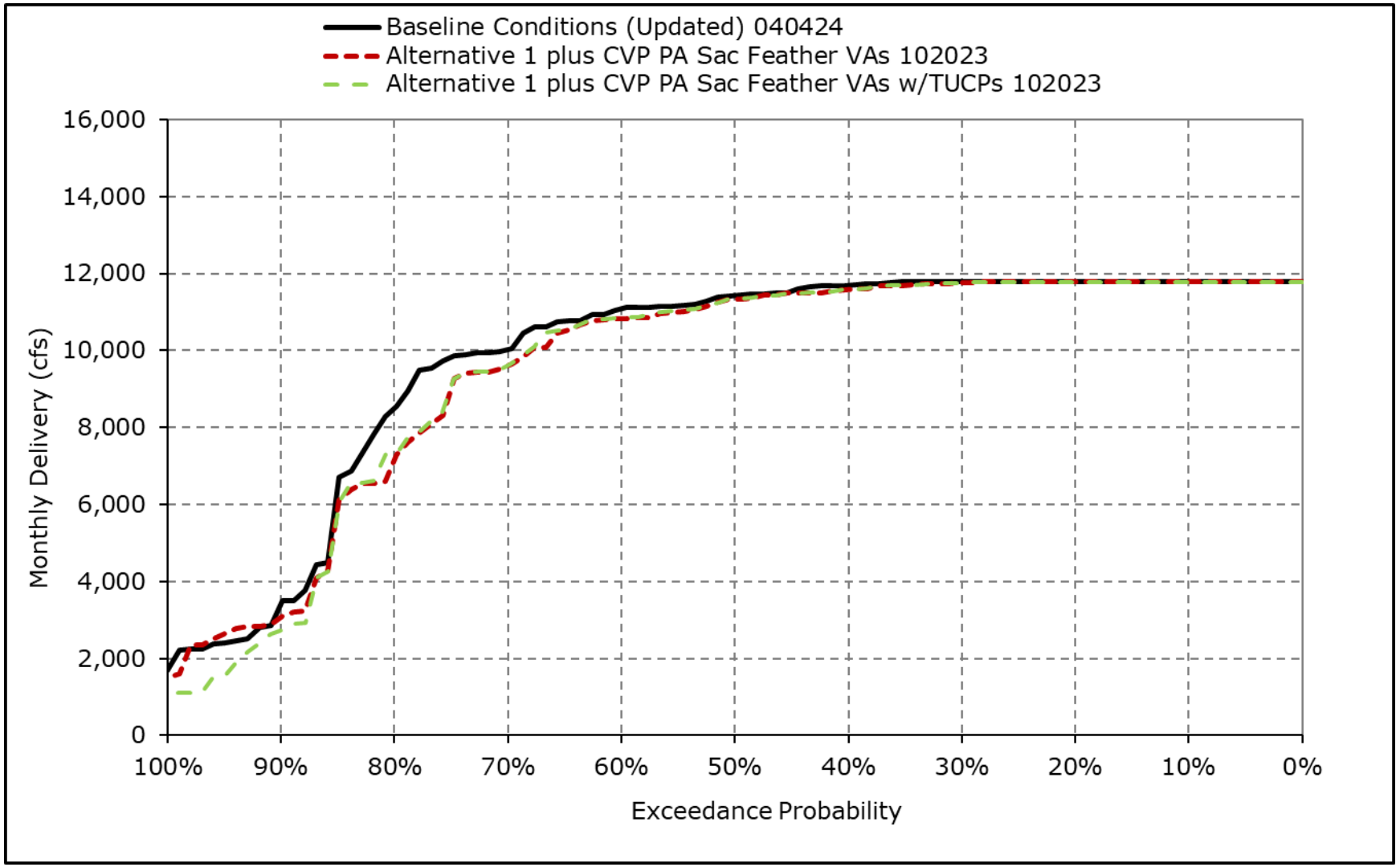
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8o. Total Delta Exports, June



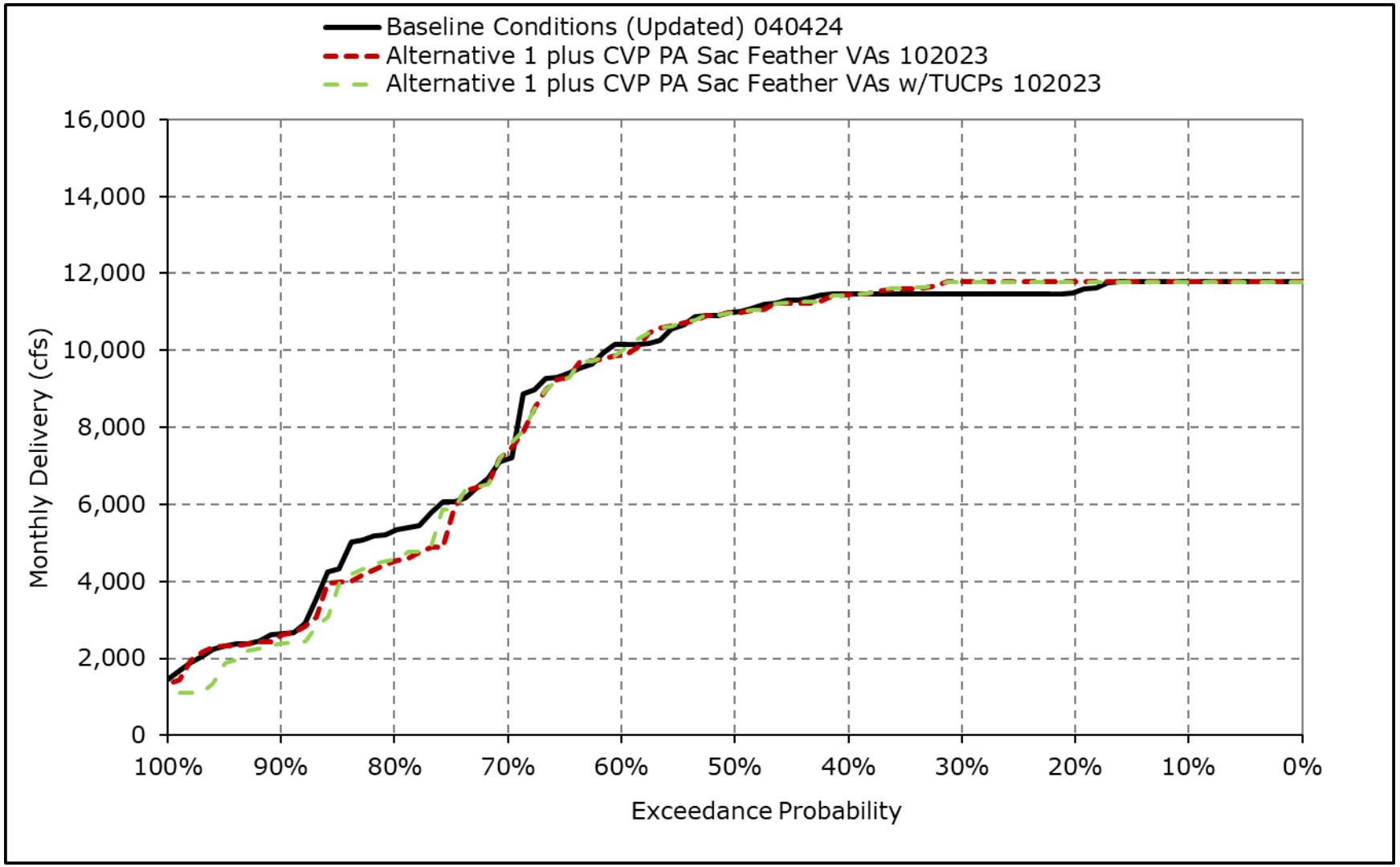
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8p. Total Delta Exports, July



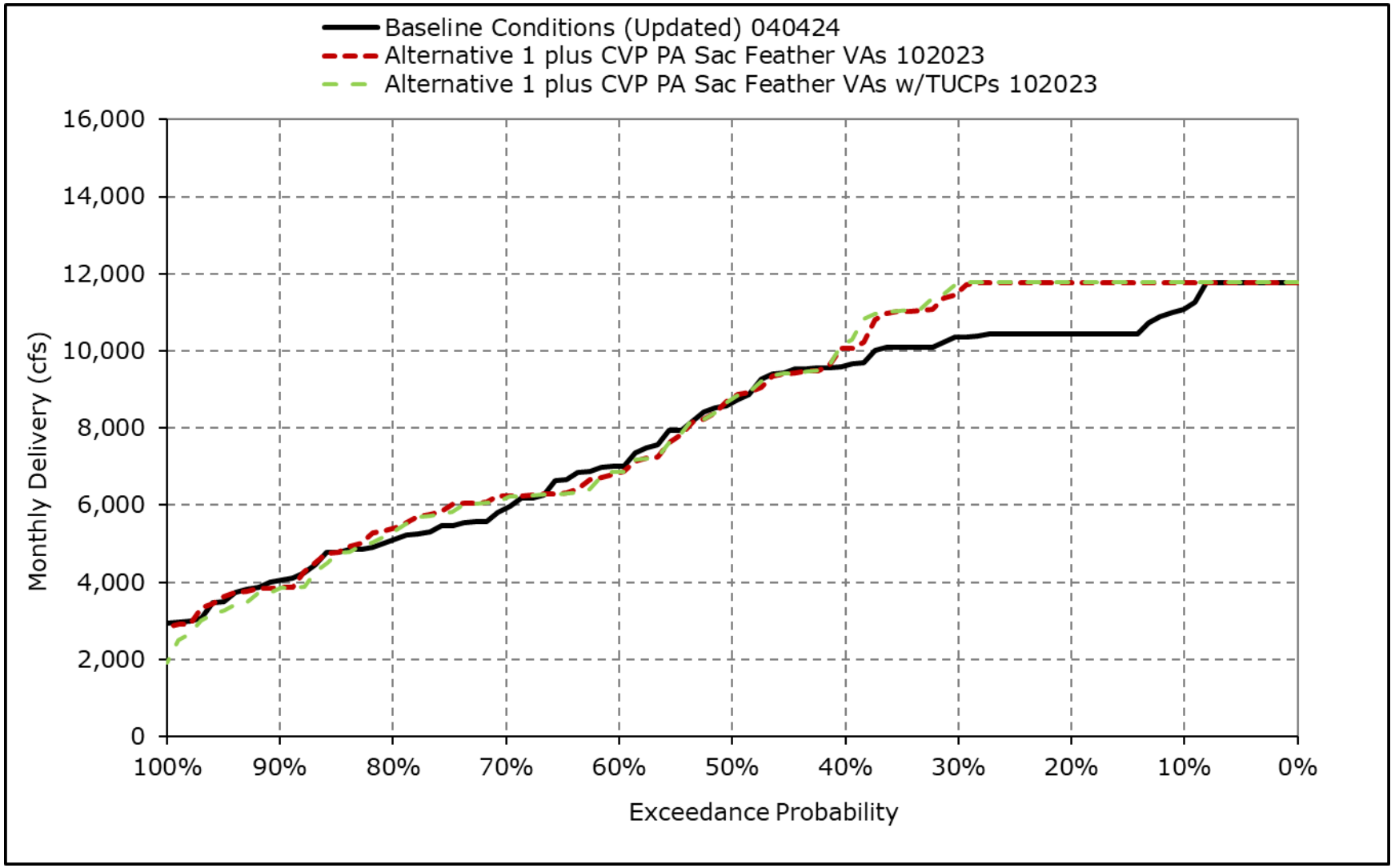
*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8q. Total Delta Exports, August



*All scenarios are simulated at current climate condition and 0 cm sea level rise.

Figure 4F-4-8r. Total Delta Exports, September



*All scenarios are simulated at current climate condition and 0 cm sea level rise.