

**Limiting Elements with the Highest (Maximum) Shadow Prices - 90% Nuclear Retirement Scenario - 8-3-04**

Limit Name	BC	BC+2Fixes	ByronFix	SalemFix	Max	Range
TECUM RD 39643 TECUM RD 38596	\$2,023,860	\$2,074,520	\$22,830	\$1,917,560	\$2,074,520	\$2,051,690
CASVILL5 69503 NED 161 39010	\$371,880	\$142,510	\$132,620	\$185,510	\$371,880	\$239,260
BAIN 4 39259 SPRG VAL 38518	\$134,650	\$219,520	\$70,050	\$164,460	\$219,520	\$149,470
DRESD; R 36303 DRESD;3M 36033	\$180,790	\$196,620	\$198,520	\$156,260	\$198,520	\$42,260
N APP 6 38896 LOST DAU 39606	\$61,420	\$122,660		\$82,080	\$122,660	\$122,660
ROCKY RN 39786 PLOVER 39787	\$87,450	\$72,790		\$58,920	\$87,450	\$87,450
SPG 138 39114 TRO 138 39116				\$84,730	\$84,730	\$84,730
PAD 345 39058 PAD 138 39059	\$83,400				\$83,400	\$83,400
HILLTP 39703 SHRMRN ST 39704	\$62,220	\$55,020		\$76,100	\$76,100	\$76,100
ROCKY RN 39785 WERNER W 38928	\$61,920	\$57,670	\$66,730	\$58,490	\$66,730	\$9,060
WEMPL; B 36406 ROE 345 39119	\$26,840	\$65,890		\$8,310	\$65,890	\$65,890
NFL 138 39175 AVIATION 39677	\$13,550	\$41,450	\$7,830	\$60,640	\$60,640	\$52,810
STRAITS 39753 STRAIT 39752	\$50,710	\$38,850	\$22,810	\$40,230	\$50,710	\$27,900
SFL 138 39186 SFL 69 38238	\$50,610	\$28,310	\$20,290	\$35,270	\$50,610	\$30,320
LAKEFLD5 34007 FOX LK 5 34008	\$8,550	\$8,900	\$50,320	\$16,720	\$50,320	\$41,770
LORE 5 34028 TRK RIV5 34033	\$45,110		\$29,410		\$45,110	\$45,110
ITASC; R 36865 TONNE;2R 36213	\$44,960	\$23,080	\$21,940	\$33,510	\$44,960	\$23,020
WMD 69 38668 BLKM69 38684			\$39,090	\$130	\$39,090	\$39,090
NFL 138 39175 EST 138 39197	\$30,760	\$1,600		\$6,280	\$30,760	\$30,760
ARR 3453 61618 WESTON 39676	\$28,940	\$21,300	\$1,630	\$23,150	\$28,940	\$27,310

**Limiting Elements with Largest Range (Difference) in Shadow Prices Amongst the Alternatives - 90% Nuclear Retirement Scenario - 8-3-04**

Limit Name	BC	BC+2Fixes	ByronFix	SalemFix	Max	Range
TECUM RD 39643 TECUM RD 38596	\$2,023,860	\$2,074,520	\$22,830	\$1,917,560	\$2,074,520	\$2,051,690
CASVILL5 69503 NED 161 39010	\$371,880	\$142,510	\$132,620	\$185,510	\$371,880	\$239,260
BAIN 4 39259 SPRG VAL 38518	\$134,650	\$219,520	\$70,050	\$164,460	\$219,520	\$149,470
N APP 6 38896 LOST DAU 39606	\$61,420	\$122,660		\$82,080	\$122,660	\$122,660
ROCKY RN 39786 PLOVER 39787	\$87,450	\$72,790		\$58,920	\$87,450	\$87,450
SPG 138 39114 TRO 138 39116				\$84,730	\$84,730	\$84,730
PAD 345 39058 PAD 138 39059	\$83,400				\$83,400	\$83,400
HILLTP 39703 SHRMRN ST 39704	\$62,220	\$55,020		\$76,100	\$76,100	\$76,100
WEMPL; B 36406 ROE 345 39119	\$26,840	\$65,890		\$8,310	\$65,890	\$65,890
NFL 138 39175 AVIATION 39677	\$13,550	\$41,450	\$7,830	\$60,640	\$60,640	\$52,810
LORE 5 34028 TRK RIV5 34033	\$45,110		\$29,410		\$45,110	\$45,110
DRESD; R 36303 DRESD;3M 36033	\$180,790	\$196,620	\$198,520	\$156,260	\$198,520	\$42,260
LAKEFLD5 34007 FOX LK 5 34008	\$8,550	\$8,900	\$50,320	\$16,720	\$50,320	\$41,770
WMD 69 38668 BLKM69 38684			\$39,090	\$130	\$39,090	\$39,090
NFL 138 39175 EST 138 39197	\$30,760	\$1,600		\$6,280	\$30,760	\$30,760
SFL 138 39186 SFL 69 38238	\$50,610	\$28,310	\$20,290	\$35,270	\$50,610	\$30,320
STRAITS 39753 STRAIT 39752	\$50,710	\$38,850	\$22,810	\$40,230	\$50,710	\$27,900
ARR 3453 61618 WESTON 39676	\$28,940	\$21,300	\$1,630	\$23,150	\$28,940	\$27,310
ITASC; R 36865 TONNE;2R 36213	\$44,960	\$23,080	\$21,940	\$33,510	\$44,960	\$23,020
PETENWEL 39808 SAR 138 39240			\$22,200		\$22,200	\$22,200

**Number of Hours When a Limiting Element is Active - Ranked by the Most Hours - 90% Nuclear Retirement Scenario - 8-3-04**

Limit Name	BC	BC+2Fixes	ByronFix	SalemFix	Max	Range
CASVILL5 69503 NED 161 39010	6,642	2,915	4,443	5,173	6,642	3,727
ROCKY RN 39785 WERNER W 38928	2,828	2,890	2,900	2,860	2,900	72
BAIN 4 39259 SPRG VAL 38518	1,481	2,214	657	1,723	2,214	1,557
PAD 345 39058 PAD 138 39059	1,807				1,807	1,807
TECUM RD 39643 TECUM RD 38596	1,404	1,446	18	1,346	1,446	1,428
DRESD; R 36303 DRESD;3M 36033	1,058	1,190	1,229	894	1,229	335
WEMPL; B 36406 ROE 345 39119	429	1,121		178	1,121	178
NFL 138 39175 AVIATION 39677	209	424	142	662	662	520
ARR 3453 61618 WESTON 39676	622	625	48	580	625	577
ELLNGTN3 38892 HINTZ 39534	338	507	563	293	563	270
BLK 138 39048 COR 138 39060	3	435		216	435	3
PETENWEL 39808 SAR 138 39240			431		431	431
LAKEFLD5 34007 FOX LK 5 34008	153	208	423	238	423	270
LORE 5 34028 TRK RIV5 34033	377		328		377	328
STRAITS 39753 STRAIT 39752	259	263	198	257	263	65
DAVNPRT5 64425 E CAL T5 34909	31			227	227	31
TRK RIV5 34033 CASVILL5 69503	225				225	225
CORDO; B 36284 NELSO; B 36362	58	225	209	22	225	203
SPG 138 39114 TRO 138 39116				220	220	220
TOLLW; B 36398 TOLLW;3M 36078	152	172	200	157	200	48

**Number of Hours When a Limiting Element is Active - Ranked by the Largest Range (Difference) Amongst the Alternatives - 90% Nuclear Retirement Scenario - 8-3-04**

Limit Name	BC	BC+2Fixes	ByronFix	SalemFix	Max	Range
CASVILL5 69503 NED 161 39010	6,642	2,915	4,443	5,173	6,642	3,727
PAD 345 39058 PAD 138 39059	1,807				1,807	1,807
BAIN 4 39259 SPRG VAL 38518	1,481	2,214	657	1,723	2,214	1,557
TECUM RD 39643 TECUM RD 38596	1,404	1,446	18	1,346	1,446	1,428
ARR 3453 61618 WESTON 39676	622	625	48	580	625	577
NFL 138 39175 AVIATION 39677	209	424	142	662	662	520
PETENWEL 39808 SAR 138 39240			431		431	431
DRESD; R 36303 DRESD;3M 36033	1,058	1,190	1,229	894	1,229	335
LORE 5 34028 TRK RIV5 34033	377		328		377	328
ELLNGTN3 38892 HINTZ 39534	338	507	563	293	563	270
LAKEFLD5 34007 FOX LK 5 34008	153	208	423	238	423	270
TRK RIV5 34033 CASVILL5 69503	225				225	225
SPG 138 39114 TRO 138 39116				220	220	220
CORDO; B 36284 NELSO; B 36362	58	225	209	22	225	203
NLK GV T 39360 SGR CK5 39488	192	124	4	40	192	188
WEMPL; B 36406 ROE 345 39119	429	1,121		178	1,121	178
DYSART 5 34087 WASHBRN5 64269	72	149	158	124	158	86
ROCKY RN 39785 WERNER W 38928	2,828	2,890	2,900	2,860	2,900	72
ARNOLD 3 34093 HAZLTON3 34018	19	1	68	13	68	67
STRAITS 39753 STRAIT 39752	259	263	198	257	263	65