



Agricultural Production and Radiological Exposure Pathway Data for Bell Bend Nuclear Power Plant 1

Table 1: Nearest Residence, Garden, Milk Animal, and Meat Animal Locations within 5 Miles of BBNPP

Receptor Type	Sector	Distance (miles)	Distance (km)	Notes
Residence	N	0.779	1.254	
	NNE	0.787	1.266	
	NE	1.043	1.678	
	ENE	1.797	2.892	
	E	1.397	2.248	
	ESE	1.417	2.281	
	SE	0.790	1.271	
	SSE	1.006	1.620	
	S	1.087	1.749	
	SSW	1.041	1.675	
	SW	0.470	0.756	
	WSW	0.633	1.109	
	W	0.370	0.596	
	WNW	0.529	0.852	
	NW	0.464	0.748	
	NNW	0.802	1.291	
Garden	N	0.518	0.833	
	NNE	0.867	1.395	
	NE	1.419	2.284	
	ENE	1.731	2.785	
	E	1.408	2.266	
	ESE	1.110	1.786	
	SE	0.912	1.467	
	SSE	1.006	1.619	
	S	0.504	0.811	
	SSW	0.253	0.408	
	SW	0.282	0.454	
	WSW	0.370	0.596	
	W	0.509	0.819	
	WNW	0.885	1.424	
	NW	0.454	0.730	
	NNW	0.832	1.338	
Milk Animal	S	3.017	4.855	
	SSW	0.740	1.191	
	SW	4.011	6.455	1
	WSW	3.950	6.357	1
	W	4.034	6.492	
	WNW	4.020	6.469	
	NW	4.204	6.766	1
	NNW	3.969	6.388	



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Receptor Type	Sector	Distance (miles)	Distance (km)	Notes
Meat Animal	N	0.500	0.804	2
	NNE	0.512	0.824	2
	NE	0.617	0.994	2
	ENE	1.372	2.208	2
	E	1.339	2.154	2
	ESE	1.110	1.786	2
	SE	0.583	0.938	2
	SSE	0.509	0.819	2
	S	0.497	0.799	2
	SSW	0.570	0.918	2
	SW	0.390	0.628	2
	WSW	0.334	0.537	2
	W	0.332	0.534	2
	WNW	0.339	0.545	2
	NW	0.407	0.656	2
	NNW	0.501	0.806	2

Notes:

Source of data is Reference [107] (Table 3-2). Each location is the nearest in the sector, for that receptor type.

1 - Hypothetical milk animal [107] (Sect. 3.3).

2 - Hypothetical meat animal, assumed to exist in each sector at the property boundary.



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Table 2: Annual Grain Production by Sector, Kilograms

Sector	Distance (miles)											
	1	2	3	4	5	10	20	30	40	50	Total	Total
N	2,714	8,142	13,570	19,000	24,430	203,600	814,200	1,759,000	2,801,000	3,581,000	9,226,000	9,226,000
NNE	2,714	8,142	13,570	19,000	24,430	203,600	814,200	1,759,000	1,982,000	2,549,000	7,375,000	7,375,000
NE	2,714	8,142	13,570	19,000	24,430	203,600	814,200	1,760,000	1,977,000	801,500	5,624,000	5,624,000
ENE	2,714	8,142	13,570	19,000	24,430	203,600	814,200	1,358,000	1,184,000	696,500	4,324,000	4,324,000
E	2,714	8,142	13,570	19,000	24,430	203,600	814,200	1,403,000	1,297,000	1,519,000	5,304,000	5,304,000
ESE	2,714	8,142	13,570	19,000	24,430	203,600	823,700	1,373,000	21,250,000	27,320,000	51,040,000	51,040,000
SE	2,714	8,142	13,570	19,000	24,430	203,600	2,483,000	4,138,000	27,220,000	35,900,000	70,020,000	70,020,000
SSE	2,714	8,142	13,570	19,000	24,430	203,600	2,483,000	4,138,000	27,670,000	35,580,000	70,140,000	70,140,000
S	2,714	8,142	13,570	19,000	24,430	203,600	2,483,000	4,138,000	14,230,000	34,310,000	55,430,000	55,430,000
SSW	2,714	8,142	13,570	19,000	24,430	1,186,000	4,774,000	16,010,000	5,793,000	34,310,000	62,140,000	62,140,000
SW	2,714	8,142	13,570	19,000	142,300	1,186,000	4,742,000	16,530,000	22,240,000	29,240,000	74,120,000	74,120,000
WSW	2,714	8,142	13,570	110,700	142,300	1,186,000	4,742,000	16,530,000	23,230,000	29,320,000	75,280,000	75,280,000
W	2,714	8,142	13,570	110,700	142,300	1,186,000	4,742,000	9,909,000	23,130,000	16,030,000	55,270,000	55,270,000
WNW	2,714	8,142	13,570	110,700	142,300	1,186,000	4,742,000	7,904,000	4,174,000	5,367,000	23,650,000	23,650,000
NW	2,714	8,142	13,570	19,000	142,300	1,186,000	4,742,000	2,981,000	4,174,000	5,376,000	18,650,000	18,650,000
NNW	2,714	8,142	13,570	19,000	24,430	203,600	4,742,000	1,759,000	2,785,000	3,579,000	13,140,000	13,140,000
Total	43,430	130,300	217,100	578,900	980,000	9,149,000	45,570,000	93,450,000	185,100,000	265,500,000	600,700,000	600,700,000

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Table 3: Annual Grain Production by Sector, Pounds

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	5,984	17,950	29,920	41,890	53,850	448,800	1,795,000	3,878,000	6,175,000	7,894,000	20,340,000
NNE	5,984	17,950	29,920	41,890	53,850	448,800	1,795,000	3,878,000	4,370,000	5,619,000	16,260,000
NE	5,984	17,950	29,920	41,890	53,850	448,800	1,795,000	3,880,000	4,358,000	1,767,000	12,400,000
ENE	5,984	17,950	29,920	41,890	53,850	448,800	1,795,000	2,994,000	2,610,000	1,535,000	9,533,000
E	5,984	17,950	29,920	41,890	53,850	448,800	1,795,000	3,093,000	2,859,000	3,349,000	11,690,000
ESE	5,984	17,950	29,920	41,890	53,850	448,800	1,816,000	3,027,000	46,850,000	60,230,000	112,500,000
SE	5,984	17,950	29,920	41,890	53,850	448,800	5,474,000	9,123,000	60,010,000	79,150,000	154,400,000
SSE	5,984	17,950	29,920	41,890	53,850	448,800	5,474,000	9,123,000	61,000,000	78,430,000	154,600,000
S	5,984	17,950	29,920	41,890	53,850	448,800	5,474,000	9,123,000	31,380,000	75,630,000	122,200,000
SSW	5,984	17,950	29,920	41,890	53,850	2,614,000	10,520,000	35,300,000	12,770,000	75,630,000	137,000,000
SW	5,984	17,950	29,920	41,890	313,600	2,614,000	10,450,000	36,440,000	49,030,000	64,460,000	163,400,000
WSW	5,984	17,950	29,920	243,900	313,600	2,614,000	10,450,000	36,440,000	51,220,000	64,630,000	166,000,000
W	5,984	17,950	29,920	243,900	313,600	2,614,000	10,450,000	21,840,000	51,000,000	35,330,000	121,900,000
WNW	5,984	17,950	29,920	243,900	313,600	2,614,000	10,450,000	17,420,000	9,202,000	11,830,000	52,140,000
NW	5,984	17,950	29,920	41,890	313,600	2,614,000	10,450,000	6,573,000	9,202,000	11,850,000	41,110,000
NNW	5,984	17,950	29,920	41,890	53,850	448,800	10,450,000	3,878,000	6,141,000	7,890,000	28,960,000
Total	95,740	287,200	478,700	1,276,000	2,161,000	20,170,000	100,500,000	206,000,000	408,200,000	585,200,000	1,324,000,000

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Table 4: Annual Cow Milk Production by Sector, Kilograms

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	2,338	7,013	11,690	16,360	21,040	175,300	701,300	8,095,000	25,090,000	32,260,000	66,380,000
NNE	2,338	7,013	11,690	16,360	21,040	175,300	701,300	8,095,000	14,980,000	19,260,000	43,270,000
NE	2,338	7,013	11,690	16,360	21,040	175,300	701,300	8,095,000	11,330,000	19,260,000	39,620,000
ENE	2,338	7,013	11,690	16,360	21,040	175,300	701,300	2,330,000	10,500,000	13,500,000	27,260,000
E	2,338	7,013	11,690	16,360	21,040	175,300	701,300	1,169,000	458,100	382,000	2,944,000
ESE	2,338	7,013	11,690	16,360	21,040	175,300	701,300	1,169,000	7,632,000	9,813,000	19,550,000
SE	2,338	7,013	11,690	16,360	21,040	175,300	1,639,000	2,732,000	4,109,000	42,840,000	51,550,000
SSE	2,338	7,013	11,690	16,360	21,040	175,300	1,639,000	2,732,000	33,320,000	42,840,000	80,760,000
S	2,338	7,013	11,690	16,360	21,040	175,300	1,639,000	2,732,000	33,320,000	107,900,000	145,800,000
SSW	2,338	7,013	11,690	16,360	21,040	979,500	3,918,000	8,298,000	3,825,000	107,900,000	124,900,000
SW	2,338	7,013	11,690	16,360	117,500	979,500	3,918,000	14,020,000	11,620,000	19,240,000	49,930,000
WSW	2,338	7,013	11,690	91,420	117,500	979,500	3,918,000	14,020,000	26,390,000	40,950,000	86,490,000
W	2,338	7,013	11,690	91,420	117,500	979,500	3,918,000	14,020,000	31,850,000	40,950,000	91,940,000
WNW	2,338	7,013	11,690	91,420	117,500	979,500	3,918,000	6,530,000	6,111,000	7,857,000	25,630,000
NW	2,338	7,013	11,690	16,360	117,500	979,500	3,918,000	4,365,000	6,111,000	32,260,000	47,790,000
NNW	2,338	7,013	11,690	16,360	21,040	175,300	3,918,000	8,095,000	25,090,000	32,260,000	69,600,000
Total	37,400	112,200	187,000	487,000	819,100	7,630,000	36,550,000	106,500,000	251,700,000	569,400,000	973,400,000

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Table 5: Annual Cow Milk Production by Sector, Pounds

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	5,153	15,460	25,770	36,070	46,380	386,500	1,546,000	17,850,000	55,310,000	71,120,000	146,300,000
NNE	5,153	15,460	25,770	36,070	46,380	386,500	1,546,000	17,850,000	33,020,000	42,460,000	95,390,000
NE	5,153	15,460	25,770	36,070	46,380	386,500	1,546,000	17,850,000	24,980,000	42,460,000	87,350,000
ENE	5,153	15,460	25,770	36,070	46,380	386,500	1,546,000	5,137,000	23,150,000	29,760,000	60,100,000
E	5,153	15,460	25,770	36,070	46,380	386,500	1,546,000	2,577,000	1,010,000	842,200	6,490,000
ESE	5,153	15,460	25,770	36,070	46,380	386,500	1,546,000	2,577,000	16,830,000	21,630,000	43,100,000
SE	5,153	15,460	25,770	36,070	46,380	386,500	3,614,000	6,024,000	9,060,000	94,440,000	113,700,000
SSE	5,153	15,460	25,770	36,070	46,380	386,500	3,614,000	6,024,000	73,450,000	94,440,000	178,000,000
S	5,153	15,460	25,770	36,070	46,380	386,500	3,614,000	6,024,000	73,450,000	237,800,000	321,400,000
SSW	5,153	15,460	25,770	36,070	46,380	2,159,000	8,638,000	18,290,000	8,434,000	237,800,000	275,500,000
SW	5,153	15,460	25,770	36,070	259,100	2,159,000	8,638,000	30,910,000	25,610,000	42,420,000	110,100,000
WSW	5,153	15,460	25,770	201,500	259,100	2,159,000	8,638,000	30,910,000	58,190,000	90,270,000	190,700,000
W	5,153	15,460	25,770	201,500	259,100	2,159,000	8,638,000	30,910,000	70,210,000	90,270,000	202,700,000
WNW	5,153	15,460	25,770	201,500	259,100	2,159,000	8,638,000	14,400,000	13,470,000	17,320,000	56,490,000
NW	5,153	15,460	25,770	36,070	259,100	2,159,000	8,638,000	9,623,000	13,470,000	71,120,000	105,400,000
NNW	5,153	15,460	25,770	36,070	46,380	386,500	8,638,000	17,850,000	55,310,000	71,120,000	153,400,000
Total	82,450	247,400	412,300	1,074,000	1,806,000	16,820,000	80,580,000	234,800,000	555,000,000	1,255,000,000	2,146,000,000

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Table 6: Annual Goat Milk Production by Sector, Kilograms

Sector	Distance (miles)											Total
	1	2	3	4	5	10	20	30	40	50		
N	0	0	0	0	0	0	0	0	3,666	4,714		8,380
NNE	0	0	0	0	0	0	0	0	3,666	4,714		8,380
NE	0	0	0	0	0	0	0	0	0	5,319		5,319
ENE	0	0	0	0	0	0	0	0	4,137	5,319		9,456
E	0	0	0	0	0	0	0	0	0	0		0
ESE	0	0	0	0	0	0	0	0	9,683	12,450		22,130
SE	0	0	0	0	0	0	0	0	0	12,450		12,450
SSE	0	0	0	0	0	0	0	0	3,512	4,516		8,028
S	0	0	0	0	0	0	0	0	3,512	10,720		14,230
SSW	0	0	0	0	0	0	0	4,685	0	10,720		15,400
SW	0	0	0	0	0	0	0	16,480	6,559	8,433		31,470
WSW	0	0	0	0	0	0	0	16,480	23,070	12,250		51,800
W	0	0	0	0	0	0	0	16,480	23,070	12,250		51,800
WNW	0	0	0	0	0	0	0	1,745	2,443	3,141		7,329
NW	0	0	0	0	0	0	0	1,745	2,443	3,141		7,329
NNW	0	0	0	0	0	0	0	0	90.26	116.0		206.3
Total	0	0	0	0	0	0	0	57,620	85,860	110,200		253,700

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Table 7: Annual Goat Milk Production by Sector, Pounds

Sector	Distance (miles)											Total
	1	2	3	4	5	10	20	30	40	50		
N	0	0	0	0	0	0	0	0	8,082	10,390		18,470
NNE	0	0	0	0	0	0	0	0	8,082	10,390		18,470
NE	0	0	0	0	0	0	0	0	0	11,730		11,730
ENE	0	0	0	0	0	0	0	0	9,120	11,730		20,850
E	0	0	0	0	0	0	0	0	0	0		0
ESE	0	0	0	0	0	0	0	0	21,350	27,450		48,790
SE	0	0	0	0	0	0	0	0	0	27,450		27,450
SSE	0	0	0	0	0	0	0	0	7,743	9,956		17,700
S	0	0	0	0	0	0	0	0	7,743	23,630		31,370
SSW	0	0	0	0	0	0	0	10,330	0	23,630		33,960
SW	0	0	0	0	0	0	0	36,330	14,460	18,590		69,390
WSW	0	0	0	0	0	0	0	36,330	50,860	27,000		114,200
W	0	0	0	0	0	0	0	36,330	50,860	27,000		114,200
WNW	0	0	0	0	0	0	0	3,847	5,386	6,925		16,160
NW	0	0	0	0	0	0	0	3,847	5,386	6,925		16,160
NNW	0	0	0	0	0	0	0	0	199.0	255.8		454.8
Total	0	0	0	0	0	0	0	127,000	189,300	243,000		559,300

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Table 8: Annual Poultry Meat Production by Sector, Kilograms (Dressed Weight)

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	41.67	125.0	208.3	291.7	375.0	3,125	12,500	46,730	65,420	1,273	130,100
NNE	41.67	125.0	208.3	291.7	375.0	3,125	12,500	46,730	65,420	84,110	212,900
NE	41.67	125.0	208.3	291.7	375.0	3,125	12,500	46,730	65,420	72,840	201,700
ENE	41.67	125.0	208.3	291.7	375.0	3,125	12,500	40,470	56,650	72,840	186,600
E	41.67	125.0	208.3	291.7	375.0	3,125	12,500	48,710	68,190	1,164	134,700
ESE	41.67	125.0	208.3	291.7	375.0	3,125	29,220	48,710	68,190	1,164	151,500
SE	41.67	125.0	208.3	291.7	375.0	3,125	777,800	1,296,000	1,815,000	4,384,000	8,278,000
SSE	41.67	125.0	208.3	291.7	375.0	3,125	777,800	1,296,000	3,410,000	4,384,000	9,873,000
S	41.67	125.0	208.3	291.7	375.0	3,125	777,800	1,296,000	3,410,000	17,330,000	22,810,000
SSW	41.67	125.0	208.3	291.7	375.0	25,720	777,800	1,778,000	1,815,000	17,330,000	21,720,000
SW	41.67	125.0	208.3	291.7	3,087	25,720	102,900	1,778,000	2,490,000	3,201,000	7,601,000
WSW	41.67	125.0	208.3	2,401	3,087	25,720	102,900	1,778,000	15,140,000	19,460,000	36,510,000
W	41.67	125.0	208.3	2,401	3,087	25,720	102,900	171,500	6,597,000	8,482,000	15,390,000
WNW	41.67	125.0	208.3	2,401	3,087	25,720	102,900	171,500	178,600	229,600	714,100
NW	41.67	125.0	208.3	291.7	3,087	25,720	102,900	127,500	178,600	229,600	668,000
NNW	41.67	125.0	208.3	291.7	375.0	3,125	102,900	46,730	57,750	1,273	212,800
Total	666.7	2,000	3,333	10,990	19,560	185,600	3,820,000	10,020,000	35,480,000	75,260,000	124,800,000

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Table 9: Annual Poultry Meat Production by Sector, Pounds (Dressed Weight)

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	91.86	275.6	459.3	643.0	826.8	6,890	27,560	103,000	144,200	2,806	286,800
NNE	91.86	275.6	459.3	643.0	826.8	6,890	27,560	103,000	144,200	185,400	469,400
NE	91.86	275.6	459.3	643.0	826.8	6,890	27,560	103,000	144,200	160,600	444,600
ENE	91.86	275.6	459.3	643.0	826.8	6,890	27,560	89,210	124,900	160,600	411,400
E	91.86	275.6	459.3	643.0	826.8	6,890	27,560	107,400	150,300	2,566	297,000
ESE	91.86	275.6	459.3	643.0	826.8	6,890	64,430	107,400	150,300	2,566	333,900
SE	91.86	275.6	459.3	643.0	826.8	6,890	1,715,000	2,858,000	4,001,000	9,666,000	18,250,000
SSE	91.86	275.6	459.3	643.0	826.8	6,890	1,715,000	2,858,000	7,518,000	9,666,000	21,770,000
S	91.86	275.6	459.3	643.0	826.8	6,890	1,715,000	2,858,000	7,518,000	38,200,000	50,300,000
SSW	91.86	275.6	459.3	643.0	826.8	56,710	1,715,000	3,920,000	4,001,000	38,200,000	47,890,000
SW	91.86	275.6	459.3	643.0	6,805	56,710	226,800	3,920,000	5,489,000	7,057,000	16,760,000
WSW	91.86	275.6	459.3	5,293	6,805	56,710	226,800	3,920,000	33,370,000	42,900,000	80,490,000
W	91.86	275.6	459.3	5,293	6,805	56,710	226,800	378,000	14,540,000	18,700,000	33,920,000
WNW	91.86	275.6	459.3	5,293	6,805	56,710	226,800	378,000	393,600	506,100	1,574,000
NW	91.86	275.6	459.3	643.0	6,805	56,710	226,800	281,200	393,600	506,100	1,473,000
NNW	91.86	275.6	459.3	643.0	826.8	6,890	226,800	103,000	127,300	2,806	469,100
Total	1,470	4,409	7,349	24,240	43,120	409,100	8,422,000	22,090,000	78,210,000	165,900,000	275,100,000

Agricultural Production and Radiological Exposure Pathway Data for Bell Bend Nuclear Power Plant 1

Table 10: Annual Beef Meat Production by Sector, Kilograms (Dressed Weight)

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	400.1	1,200	2,001	2,801	3,601	30,010	120,000	656,900	1,647,000	2,118,000	4,583,000
NNE	400.1	1,200	2,001	2,801	3,601	30,010	120,000	656,900	1,366,000	1,757,000	3,940,000
NE	400.1	1,200	2,001	2,801	3,601	30,010	120,000	656,900	919,700	1,757,000	3,493,000
ENE	400.1	1,200	2,001	2,801	3,601	30,010	120,000	325,600	884,700	1,137,000	2,508,000
E	400.1	1,200	2,001	2,801	3,601	30,010	120,000	200,100	128,000	142,600	630,800
ESE	400.1	1,200	2,001	2,801	3,601	30,010	120,000	200,100	605,300	778,200	1,744,000
SE	400.1	1,200	2,001	2,801	3,601	30,010	163,000	271,700	460,100	1,053,000	1,988,000
SSE	400.1	1,200	2,001	2,801	3,601	30,010	163,000	271,700	818,800	1,053,000	2,346,000
S	400.1	1,200	2,001	2,801	3,601	30,010	163,000	271,700	818,800	2,268,000	3,561,000
SSW	400.1	1,200	2,001	2,801	3,601	104,300	417,300	695,400	380,300	2,268,000	3,875,000
SW	400.1	1,200	2,001	2,801	12,520	104,300	417,300	695,400	789,300	1,321,000	3,346,000
WSW	400.1	1,200	2,001	9,736	12,520	104,300	417,300	695,400	1,185,000	1,524,000	3,952,000
W	400.1	1,200	2,001	9,736	12,520	104,300	417,300	695,400	909,900	1,170,000	3,323,000
WNW	400.1	1,200	2,001	9,736	12,520	104,300	417,300	695,400	717,900	923,100	2,884,000
NW	400.1	1,200	2,001	2,801	12,520	104,300	417,300	512,800	717,900	2,118,000	3,889,000
NNW	400.1	1,200	2,001	2,801	3,601	30,010	417,300	656,900	1,647,000	2,118,000	4,880,000
Total	6,402	19,210	32,010	65,620	102,200	926,000	4,130,000	8,158,000	14,000,000	23,510,000	50,940,000

Agricultural Production and Radiological Exposure Pathway Data for Bell Bend Nuclear Power Plant 1

Table 11: Annual Beef Meat Production by Sector, Pounds (Dressed Weight)

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	882.1	2,646	4,411	6,175	7,939	66,160	264,600	1,448,000	3,632,000	4,670,000	10,100,000
NNE	882.1	2,646	4,411	6,175	7,939	66,160	264,600	1,448,000	3,012,000	3,872,000	8,685,000
NE	882.1	2,646	4,411	6,175	7,939	66,160	264,600	1,448,000	2,028,000	3,872,000	7,701,000
ENE	882.1	2,646	4,411	6,175	7,939	66,160	264,600	717,800	1,950,000	2,508,000	5,529,000
E	882.1	2,646	4,411	6,175	7,939	66,160	264,600	441,100	282,300	314,400	1,391,000
ESE	882.1	2,646	4,411	6,175	7,939	66,160	264,600	441,100	1,334,000	1,716,000	3,844,000
SE	882.1	2,646	4,411	6,175	7,939	66,160	359,300	598,900	1,014,000	2,321,000	4,382,000
SSE	882.1	2,646	4,411	6,175	7,939	66,160	359,300	598,900	1,805,000	2,321,000	5,173,000
S	882.1	2,646	4,411	6,175	7,939	66,160	359,300	598,900	1,805,000	5,000,000	7,852,000
SSW	882.1	2,646	4,411	6,175	7,939	230,000	919,900	1,533,000	838,500	5,000,000	8,544,000
SW	882.1	2,646	4,411	6,175	27,600	230,000	919,900	1,533,000	1,740,000	2,912,000	7,377,000
WSW	882.1	2,646	4,411	21,460	27,600	230,000	919,900	1,533,000	2,613,000	3,360,000	8,713,000
W	882.1	2,646	4,411	21,460	27,600	230,000	919,900	1,533,000	2,006,000	2,579,000	7,325,000
WNW	882.1	2,646	4,411	21,460	27,600	230,000	919,900	1,533,000	1,583,000	2,035,000	6,358,000
NW	882.1	2,646	4,411	6,175	27,600	230,000	919,900	1,131,000	1,583,000	4,670,000	8,575,000
NNW	882.1	2,646	4,411	6,175	7,939	66,160	919,900	1,448,000	3,632,000	4,670,000	10,760,000
Total	14,110	42,340	70,570	144,700	225,300	2,041,000	9,105,000	17,990,000	30,860,000	51,820,000	112,300,000

Agricultural Production and Radiological Exposure Pathway Data for Bell Bend Nuclear Power Plant 1

Table 12: Annual Hog Meat Production by Sector, Kilograms (Dressed Weight)

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	5.295	15.88	26.47	37.06	47.65	397.1	1,588	41,190	784,900	1,009,000	1,837,000
NNE	5.295	15.88	26.47	37.06	47.65	397.1	1,588	3,339	7,191	9,246	21,890
NE	5.295	15.88	26.47	37.06	47.65	397.1	1,588	3,339	4,675	38,590	48,720
ENE	5.295	15.88	26.47	37.06	47.65	397.1	1,588	2,647	30,010	38,590	73,360
E	5.295	15.88	26.47	37.06	47.65	397.1	1,588	12,800	17,910	23,030	55,860
ESE	5.295	15.88	26.47	37.06	47.65	397.1	4,022	6,704	157,600	202,700	371,600
SE	5.295	15.88	26.47	37.06	47.65	397.1	322,300	537,100	751,900	2,283,000	3,895,000
SSE	5.295	15.88	26.47	37.06	47.65	397.1	322,300	537,100	1,776,000	2,283,000	4,918,000
S	5.295	15.88	26.47	37.06	47.65	397.1	322,300	537,100	1,776,000	15,080,000	17,710,000
SSW	5.295	15.88	26.47	37.06	47.65	46,990	322,300	1,490,000	751,900	15,080,000	17,690,000
SW	5.295	15.88	26.47	37.06	5,638	46,990	187,900	1,490,000	2,086,000	2,682,000	6,498,000
W/SW	5.295	15.88	26.47	4,385	5,638	46,990	187,900	1,490,000	4,712,000	6,058,000	12,510,000
W	5.295	15.88	26.47	4,385	5,638	46,990	187,900	313,200	2,086,000	2,024,000	4,668,000
WNW	5.295	15.88	26.47	4,385	5,638	46,990	187,900	313,200	347,000	446,100	1,351,000
NW	5.295	15.88	26.47	37.06	5,638	46,990	187,900	247,800	347,000	1,009,000	1,845,000
NNW	5.295	15.88	26.47	37.06	47.65	397.1	187,900	41,190	784,900	1,009,000	2,024,000
Total	84.72	254.2	423.6	13,640	28,720	285,900	2,429,000	7,066,000	16,420,000	49,270,000	75,510,000

Agricultural Production and Radiological Exposure Pathway Data for Bell Bend Nuclear Power Plant 1

Table 13: Annual Hog Meat Production by Sector, Pounds (Dressed Weight)

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	11.67	35.02	58.37	81.71	105.1	875.5	3,502	90,810	1,730,000	2,225,000	4,051,000
NNE	11.67	35.02	58.37	81.71	105.1	875.5	3,502	7,361	15,850	20,380	48,270
NE	11.67	35.02	58.37	81.71	105.1	875.5	3,502	7,361	10,310	85,070	107,400
ENE	11.67	35.02	58.37	81.71	105.1	875.5	3,502	5,837	66,170	85,070	161,700
E	11.67	35.02	58.37	81.71	105.1	875.5	3,502	28,210	39,490	50,780	123,100
ESE	11.67	35.02	58.37	81.71	105.1	875.5	8,868	14,780	347,500	446,800	819,200
SE	11.67	35.02	58.37	81.71	105.1	875.5	710,500	1,184,000	1,658,000	5,033,000	8,586,000
SSE	11.67	35.02	58.37	81.71	105.1	875.5	710,500	1,184,000	3,915,000	5,033,000	10,840,000
S	11.67	35.02	58.37	81.71	105.1	875.5	710,500	1,184,000	3,915,000	33,240,000	39,050,000
SSW	11.67	35.02	58.37	81.71	105.1	103,600	710,500	3,285,000	1,658,000	33,240,000	39,000,000
SW	11.67	35.02	58.37	81.71	12,430	103,600	414,300	3,285,000	4,598,000	5,912,000	14,330,000
WSW	11.67	35.02	58.37	9,668	12,430	103,600	414,300	3,285,000	10,390,000	13,360,000	27,570,000
W	11.67	35.02	58.37	9,668	12,430	103,600	414,300	690,600	4,598,000	4,463,000	10,290,000
WNW	11.67	35.02	58.37	9,668	12,430	103,600	414,300	690,600	764,900	983,500	2,979,000
NW	11.67	35.02	58.37	81.71	12,430	103,600	414,300	546,400	764,900	2,225,000	4,067,000
NNW	11.67	35.02	58.37	81.71	105.1	875.5	414,300	90,810	1,730,000	2,225,000	4,462,000
Total	186.8	560.3	933.9	30,070	63,310	630,300	5,354,000	15,580,000	36,200,000	108,600,000	166,500,000

Table 14: Annual Sheep and Lamb Meat Production by Sector, Kilograms (Dressed Weight)

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	2.677	8.032	13.39	18.74	24.10	200.8	803.2	6,712	9,396	9,942	27,120
NNE	2.677	8.032	13.39	18.74	24.10	200.8	803.2	6,712	9,396	12,080	29,260
NE	2.677	8.032	13.39	18.74	24.10	200.8	803.2	6,712	9,396	9,133	26,310
ENE	2.677	8.032	13.39	18.74	24.10	200.8	803.2	1,339	5,300	6,814	14,520
E	2.677	8.032	13.39	18.74	24.10	200.8	803.2	1,635	2,289	2,546	7,541
ESE	2.677	8.032	13.39	18.74	24.10	200.8	981.1	1,635	5,394	6,935	15,210
SE	2.677	8.032	13.39	18.74	24.10	200.8	981.1	1,635	10,630	13,670	27,190
SSE	2.677	8.032	13.39	18.74	24.10	200.8	803.2	1,020	10,630	13,670	26,390
S	2.677	8.032	13.39	18.74	24.10	200.8	803.2	1,020	8,237	20,780	31,110
SSW	2.677	8.032	13.39	18.74	24.10	602.7	2,411	6,757	1,428	20,780	32,050
SW	2.677	8.032	13.39	18.74	72.32	602.7	2,411	11,390	9,460	28,850	52,820
WSW	2.677	8.032	13.39	56.25	72.32	602.7	2,411	11,390	15,940	16,960	47,450
W	2.677	8.032	13.39	56.25	72.32	602.7	2,411	11,390	15,940	6,756	37,250
WNW	2.677	8.032	13.39	56.25	72.32	602.7	2,411	4,018	5,255	6,756	19,190
NW	2.677	8.032	13.39	18.74	72.32	602.7	2,411	3,753	5,255	9,942	22,080
NNW	2.677	8.032	13.39	18.74	24.10	200.8	2,411	6,712	7,733	9,942	27,070
Total	42.84	128.5	214.2	412.4	626.7	5,624	24,460	83,820	131,700	195,600	442,600

Agricultural Production and Radiological Exposure Pathway Data for Bell Bend Nuclear Power Plant 1

Table 15: Annual Sheep and Lamb Meat Production by Sector, Pounds (Dressed Weight)

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	5.903	17.71	29.51	41.32	53.12	442.7	1,771	14,800	20,720	21,920	59,790
NNE	5.903	17.71	29.51	41.32	53.12	442.7	1,771	14,800	20,720	26,630	64,510
NE	5.903	17.71	29.51	41.32	53.12	442.7	1,771	14,800	20,720	20,130	58,010
ENE	5.903	17.71	29.51	41.32	53.12	442.7	1,771	2,951	11,680	15,020	32,020
E	5.903	17.71	29.51	41.32	53.12	442.7	1,771	3,605	5,047	5,612	16,620
ESE	5.903	17.71	29.51	41.32	53.12	442.7	2,163	3,605	11,890	15,290	33,540
SE	5.903	17.71	29.51	41.32	53.12	442.7	2,163	3,605	23,440	30,140	59,940
SSE	5.903	17.71	29.51	41.32	53.12	442.7	1,771	2,249	23,440	30,140	58,190
S	5.903	17.71	29.51	41.32	53.12	442.7	1,771	2,249	18,160	45,810	68,580
SSW	5.903	17.71	29.51	41.32	53.12	1,329	5,315	14,900	3,149	45,810	70,650
SW	5.903	17.71	29.51	41.32	159.4	1,329	5,315	25,100	20,860	63,600	116,500
WSW	5.903	17.71	29.51	124.0	159.4	1,329	5,315	25,100	35,140	37,390	104,600
W	5.903	17.71	29.51	124.0	159.4	1,329	5,315	25,100	35,140	14,890	82,120
WNW	5.903	17.71	29.51	124.0	159.4	1,329	5,315	8,858	11,580	14,890	42,320
NW	5.903	17.71	29.51	41.32	159.4	1,329	5,315	8,275	11,580	21,920	48,680
NNW	5.903	17.71	29.51	41.32	53.12	442.7	5,315	14,800	17,050	21,920	59,670
Total	94.44	283.3	472.2	909.2	1,382	12,400	53,930	184,800	290,300	431,100	975,700

Agricultural Production and Radiological Exposure Pathway Data for Bell Bend Nuclear Power Plant 1

Table 16: Annual Egg Production by Sector, Kilograms

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	187.9	563.6	939.3	1,315	1,691	14,090	56,360	118,700	651,900	838,100	1,684,000
NNE	187.9	563.6	939.3	1,315	1,691	14,090	56,360	93,930	8,091	10,400	187,600
NE	187.9	563.6	939.3	1,315	1,691	14,090	56,360	93,930	8,091	10,400	187,600
ENE	187.9	563.6	939.3	1,315	1,691	14,090	56,360	93,930	131,500	169,100	469,700
E	187.9	563.6	939.3	1,315	1,691	14,090	56,360	93,930	131,500	169,100	469,700
ESE	187.9	563.6	939.3	1,315	1,691	14,090	56,360	93,930	131,500	169,100	469,700
SE	187.9	563.6	939.3	1,315	1,691	14,090	1,545,000	2,575,000	3,604,000	11,450,000	19,190,000
SSE	187.9	563.6	939.3	1,315	1,691	14,090	1,545,000	2,575,000	8,903,000	11,450,000	24,490,000
S	187.9	563.6	939.3	1,315	1,691	14,090	1,545,000	2,575,000	8,903,000	23,330,000	36,370,000
SSW	187.9	563.6	939.3	1,315	1,691	64,490	1,545,000	3,026,000	3,604,000	23,330,000	31,570,000
SW	187.9	563.6	939.3	1,315	7,738	64,490	257,900	3,026,000	4,236,000	5,446,000	13,040,000
WSW	187.9	563.6	939.3	6,019	7,738	64,490	257,900	3,026,000	4,236,000	5,446,000	13,050,000
W	187.9	563.6	939.3	6,019	7,738	64,490	257,900	429,900	4,236,000	2,531,000	7,535,000
WNW	187.9	563.6	939.3	6,019	7,738	64,490	257,900	429,900	339,200	436,100	1,543,000
NW	187.9	563.6	939.3	1,315	7,738	64,490	257,900	242,300	339,200	838,100	1,753,000
NNW	187.9	563.6	939.3	1,315	1,691	14,090	257,900	118,700	651,900	838,100	1,885,000
Total	3,006	9,017	15,030	35,150	57,290	527,800	8,065,000	18,610,000	40,120,000	86,450,000	153,900,000

Agricultural Production and Radiological Exposure Pathway Data for Bell Bend Nuclear Power Plant 1

Table 17: Annual Egg Production by Sector, Pounds

	Distance (miles)										
Sector	1	2	3	4	5	10	20	30	40	50	Total
N	414.2	1,243	2,071	2,899	3,728	31,060	124,300	261,700	1,437,000	1,848,000	3,712,000
NNE	414.2	1,243	2,071	2,899	3,728	31,060	124,300	207,100	17,840	22,930	413,500
NE	414.2	1,243	2,071	2,899	3,728	31,060	124,300	207,100	17,840	22,930	413,500
ENE	414.2	1,243	2,071	2,899	3,728	31,060	124,300	207,100	289,900	372,800	1,035,000
E	414.2	1,243	2,071	2,899	3,728	31,060	124,300	207,100	289,900	372,800	1,035,000
ESE	414.2	1,243	2,071	2,899	3,728	31,060	124,300	207,100	289,900	372,800	1,035,000
SE	414.2	1,243	2,071	2,899	3,728	31,060	3,406,000	5,676,000	7,946,000	25,240,000	42,310,000
SSE	414.2	1,243	2,071	2,899	3,728	31,060	3,406,000	5,676,000	19,630,000	25,240,000	53,990,000
S	414.2	1,243	2,071	2,899	3,728	31,060	3,406,000	5,676,000	19,630,000	51,430,000	80,180,000
SSW	414.2	1,243	2,071	2,899	3,728	142,200	3,406,000	6,671,000	7,946,000	51,430,000	69,600,000
SW	414.2	1,243	2,071	2,899	17,060	142,200	568,700	6,671,000	9,339,000	12,010,000	28,750,000
WSW	414.2	1,243	2,071	13,270	17,060	142,200	568,700	6,671,000	9,339,000	12,010,000	28,760,000
W	414.2	1,243	2,071	13,270	17,060	142,200	568,700	947,800	9,339,000	5,579,000	16,610,000
WNW	414.2	1,243	2,071	13,270	17,060	142,200	568,700	947,800	747,800	961,500	3,402,000
NW	414.2	1,243	2,071	2,899	17,060	142,200	568,700	534,200	747,800	1,848,000	3,864,000
NNW	414.2	1,243	2,071	2,899	3,728	31,060	568,700	261,700	1,437,000	1,848,000	4,157,000
Total	6,627	19,880	33,130	77,500	126,300	1,164,000	17,780,000	41,030,000	88,440,000	190,600,000	339,300,000

Agricultural Production and Radiological Exposure Pathway Data for Bell Bend Nuclear Power Plant 1

Table 18: Annual Leafy Vegetable Production by Sector, Kilograms

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	113.6	340.8	568.0	795.3	1,022	8,521	34,080	69,030	95,990	42,600	253,100
NNE	113.6	340.8	568.0	795.3	1,022	8,521	34,080	69,030	95,990	123,400	333,900
NE	113.6	340.8	568.0	795.3	1,022	8,521	34,080	69,030	95,990	67,230	277,700
ENE	113.6	340.8	568.0	795.3	1,022	8,521	34,080	56,800	106,600	67,230	276,100
E	113.6	340.8	568.0	795.3	1,022	8,521	34,080	110,300	154,400	78,950	389,100
ESE	113.6	340.8	568.0	795.3	1,022	8,521	43,160	71,940	188,500	123,600	438,600
SE	113.6	340.8	568.0	795.3	1,022	8,521	236,300	393,400	550,800	130,900	1,323,000
SSE	113.6	340.8	568.0	795.3	1,022	8,521	236,300	393,400	552,200	18,910	1,212,000
S	113.6	340.8	568.0	795.3	1,022	8,521	236,300	393,400	552,200	168,400	1,362,000
SSW	113.6	340.8	568.0	795.3	1,022	15,750	265,200	442,100	550,800	825,700	2,102,000
SW	113.6	340.8	568.0	795.3	1,890	15,710	62,840	104,700	550,800	708,200	1,446,000
WSW	113.6	340.8	568.0	1,470	1,885	15,710	62,840	104,700	115,100	148,000	450,800
W	113.6	340.8	568.0	1,470	1,885	15,710	62,840	104,700	28,060	41,890	257,600
WNW	113.6	340.8	568.0	1,470	1,885	15,750	62,840	104,700	32,580	41,890	262,200
NW	113.6	340.8	568.0	795.3	1,890	15,750	62,980	23,270	32,580	77,030	215,300
NNW	113.6	340.8	568.0	795.3	1,022	8,521	62,980	69,030	33,140	42,600	219,100
Total	1,818	5,453	9,089	14,750	20,680	179,600	1,565,000	2,580,000	3,736,000	2,707,000	10,820,000

Agricultural Production and Radiological Exposure Pathway Data for Bell Bend Nuclear Power Plant 1

Table 19: Annual Leafy Vegetable Production by Sector, Pounds

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	250.5	751.4	1,252	1,753	2,254	18,780	75,140	152,200	211,600	93,930	557,900
NNE	250.5	751.4	1,252	1,753	2,254	18,780	75,140	152,200	211,600	272,100	736,100
NE	250.5	751.4	1,252	1,753	2,254	18,780	75,140	152,200	211,600	148,200	612,200
ENE	250.5	751.4	1,252	1,753	2,254	18,780	75,140	125,200	235,100	148,200	608,700
E	250.5	751.4	1,252	1,753	2,254	18,780	75,140	243,100	340,400	174,000	857,800
ESE	250.5	751.4	1,252	1,753	2,254	18,780	95,160	158,600	415,600	272,500	966,900
SE	250.5	751.4	1,252	1,753	2,254	18,780	521,100	867,400	1,214,000	288,600	2,916,000
SSE	250.5	751.4	1,252	1,753	2,254	18,780	521,100	867,400	1,217,000	41,690	2,673,000
S	250.5	751.4	1,252	1,753	2,254	18,780	521,100	867,400	1,217,000	371,300	3,002,000
SSW	250.5	751.4	1,252	1,753	2,254	34,710	584,800	974,600	1,214,000	1,820,000	4,635,000
SW	250.5	751.4	1,252	1,753	4,166	34,630	138,500	230,900	1,214,000	1,561,000	3,188,000
W/SW	250.5	751.4	1,252	3,240	4,156	34,630	138,500	230,900	253,800	326,300	993,800
W	250.5	751.4	1,252	3,240	4,156	34,630	138,500	230,900	61,860	92,350	567,900
WNW	250.5	751.4	1,252	3,240	4,156	34,710	138,500	230,900	71,830	92,350	578,000
NW	250.5	751.4	1,252	1,753	4,166	34,710	138,900	51,300	71,830	169,800	474,700
NNW	250.5	751.4	1,252	1,753	2,254	18,780	138,900	152,200	73,050	93,930	483,100
Total	4,007	12,020	20,040	32,510	45,600	395,900	3,451,000	5,687,000	8,236,000	5,967,000	23,850,000



Agricultural Production and Radiological Exposure Pathway Data for Bell Bend Nuclear Power Plant 1

Table 20: Annual Feed Production by Sector, Kilograms

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	12,830	38,490	64,150	89,820	115,500	962,300	3,849,000	24,580,000	75,470,000	97,040,000	202,200,000
NNE	12,830	38,490	64,150	89,820	115,500	962,300	3,849,000	24,580,000	46,910,000	60,310,000	136,900,000
NE	12,830	38,490	64,150	89,820	115,500	962,300	3,849,000	24,580,000	34,410,000	55,220,000	119,300,000
ENE	12,830	38,490	64,150	89,820	115,500	962,300	3,849,000	10,800,000	28,790,000	37,010,000	81,740,000
E	12,830	38,490	64,150	89,820	115,500	962,300	3,849,000	6,558,000	6,635,000	4,630,000	22,960,000
ESE	12,830	38,490	64,150	89,820	115,500	962,300	3,935,000	6,558,000	26,860,000	34,250,000	72,880,000
SE	12,830	38,490	64,150	89,820	115,500	962,300	8,748,000	14,580,000	26,600,000	114,600,000	165,800,000
SSE	12,830	38,490	64,150	89,820	115,500	962,300	8,701,000	14,500,000	89,150,000	114,600,000	228,300,000
S	12,830	38,490	64,150	89,820	115,500	962,300	8,701,000	14,500,000	89,150,000	221,500,000	335,100,000
SSW	12,830	38,490	64,150	89,820	115,500	3,085,000	12,350,000	26,730,000	20,300,000	221,500,000	284,200,000
SW	12,830	38,490	64,150	89,820	370,300	3,085,000	12,340,000	37,520,000	36,650,000	64,540,000	154,700,000
W/SW	12,830	38,490	64,150	288,000	370,300	3,085,000	12,340,000	37,520,000	77,950,000	110,900,000	242,600,000
W	12,830	38,490	64,150	288,000	370,300	3,085,000	12,340,000	37,520,000	82,300,000	105,100,000	241,100,000
WNW	12,830	38,490	64,150	288,000	370,300	3,085,000	12,340,000	20,570,000	23,220,000	29,850,000	89,840,000
NW	12,830	38,490	64,150	89,820	370,300	3,085,000	12,340,000	16,590,000	23,220,000	97,040,000	152,800,000
NNW	12,830	38,490	64,150	89,820	115,500	962,300	12,340,000	24,580,000	75,470,000	97,040,000	210,700,000
Total	205,300	615,900	1,026,000	2,032,000	3,122,000	28,140,000	135,700,000	342,300,000	763,100,000	1,465,000,000	2,741,000,000



Agricultural Production and Radiological Exposure Pathway Data for Bell Bend Nuclear Power Plant 1

Table 21: Annual Feed Production by Sector, Pounds

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	28,290	84,860	141,400	198,000	254,600	2,122,000	8,486,000	54,180,000	166,400,000	213,900,000	445,800,000
NNE	28,290	84,860	141,400	198,000	254,600	2,122,000	8,486,000	54,180,000	103,400,000	133,000,000	301,900,000
NE	28,290	84,860	141,400	198,000	254,600	2,122,000	8,486,000	54,180,000	75,860,000	121,700,000	263,100,000
ENE	28,290	84,860	141,400	198,000	254,600	2,122,000	8,486,000	23,820,000	63,470,000	81,600,000	180,200,000
E	28,290	84,860	141,400	198,000	254,600	2,122,000	8,486,000	14,460,000	14,630,000	10,210,000	50,610,000
ESE	28,290	84,860	141,400	198,000	254,600	2,122,000	8,675,000	14,460,000	59,210,000	75,510,000	160,700,000
SE	28,290	84,860	141,400	198,000	254,600	2,122,000	19,290,000	32,140,000	58,640,000	252,700,000	365,600,000
SSE	28,290	84,860	141,400	198,000	254,600	2,122,000	19,180,000	31,970,000	196,500,000	252,700,000	503,200,000
S	28,290	84,860	141,400	198,000	254,600	2,122,000	19,180,000	31,970,000	196,500,000	488,200,000	738,700,000
SSW	28,290	84,860	141,400	198,000	254,600	6,802,000	27,220,000	58,940,000	44,760,000	488,200,000	626,700,000
SW	28,290	84,860	141,400	198,000	816,300	6,802,000	27,210,000	82,720,000	80,810,000	142,300,000	341,100,000
WSW	28,290	84,860	141,400	634,900	816,300	6,802,000	27,210,000	82,720,000	171,900,000	244,500,000	534,800,000
W	28,290	84,860	141,400	634,900	816,300	6,802,000	27,210,000	82,720,000	181,400,000	231,800,000	531,600,000
WNW	28,290	84,860	141,400	634,900	816,300	6,802,000	27,210,000	45,350,000	51,190,000	65,820,000	198,100,000
NW	28,290	84,860	141,400	198,000	816,300	6,802,000	27,210,000	36,560,000	51,190,000	213,900,000	337,000,000
NNW	28,290	84,860	141,400	198,000	254,600	2,122,000	27,210,000	54,180,000	166,400,000	213,900,000	464,500,000
Total	452,600	1,358,000	2,263,000	4,479,000	6,882,000	62,030,000	299,200,000	754,600,000	1,682,000,000	3,230,000,000	6,044,000,000

Agricultural Production and Radiological Exposure Pathway Data for Bell Bend Nuclear Power Plant 1

Table 22: Annual Other Above Ground Vegetable Production by Sector, Kilograms

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	2,524	7,573	12,620	17,670	22,720	189,300	757,300	1,270,000	571,000	373,100	3,223,000
NNE	2,524	7,573	12,620	17,670	22,720	189,300	757,300	1,270,000	1,588,000	2,042,000	5,910,000
NE	2,524	7,573	12,620	17,670	22,720	189,300	757,300	1,393,000	1,564,000	2,007,000	5,974,000
ENE	2,524	7,573	12,620	17,670	22,720	189,300	757,300	1,386,000	1,564,000	2,006,000	5,966,000
E	2,524	7,573	12,620	17,670	22,720	189,300	757,300	1,298,000	940,500	477,200	3,725,000
ESE	2,524	7,573	12,620	17,670	22,720	189,300	778,700	1,298,000	1,914,000	1,811,000	6,055,000
SE	2,524	7,573	12,620	17,670	22,720	189,300	880,500	1,119,000	2,144,000	2,452,000	6,849,000
SSE	2,524	7,573	12,620	17,670	22,720	189,300	863,800	762,700	1,947,000	2,169,000	5,995,000
S	2,524	7,573	12,620	17,670	22,720	189,300	863,800	762,700	1,420,000	2,719,000	6,018,000
SSW	2,524	7,573	12,620	17,670	22,720	447,900	1,667,000	2,934,000	1,068,000	2,906,000	9,085,000
SW	2,524	7,573	12,620	17,670	53,750	393,700	1,575,000	2,876,000	1,916,000	2,513,000	9,367,000
WSW	2,524	7,573	12,620	41,800	47,240	393,700	1,575,000	2,876,000	3,483,000	4,424,000	12,860,000
W	2,524	7,573	12,620	41,800	47,240	393,700	1,575,000	2,721,000	1,638,000	1,013,000	7,452,000
WNW	2,524	7,573	12,620	41,800	47,240	447,900	1,575,000	2,634,000	732,800	942,100	6,443,000
NW	2,524	7,573	12,620	17,670	53,750	447,900	1,792,000	523,400	732,800	956,700	4,546,000
NNW	2,524	7,573	12,620	17,670	22,720	189,300	1,792,000	1,270,000	328,600	332,400	3,974,000
Total	40,390	121,200	202,000	355,100	499,100	4,418,000	18,720,000	26,390,000	23,550,000	29,140,000	103,400,000

Agricultural Production and Radiological Exposure Pathway Data for Bell Bend Nuclear Power Plant 1

Table 23: Annual Other Above Ground Vegetable Production by Sector, Pounds

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	5,566	16,700	27,830	38,960	50,090	417,400	1,670,000	2,799,000	1,259,000	822,600	7,107,000
NNE	5,566	16,700	27,830	38,960	50,090	417,400	1,670,000	2,799,000	3,502,000	4,502,000	13,030,000
NE	5,566	16,700	27,830	38,960	50,090	417,400	1,670,000	3,071,000	3,448,000	4,424,000	13,170,000
ENE	5,566	16,700	27,830	38,960	50,090	417,400	1,670,000	3,056,000	3,448,000	4,422,000	13,150,000
E	5,566	16,700	27,830	38,960	50,090	417,400	1,670,000	2,861,000	2,073,000	1,052,000	8,213,000
ESE	5,566	16,700	27,830	38,960	50,090	417,400	1,717,000	2,861,000	4,220,000	3,993,000	13,350,000
SE	5,566	16,700	27,830	38,960	50,090	417,400	1,941,000	2,468,000	4,727,000	5,406,000	15,100,000
SSE	5,566	16,700	27,830	38,960	50,090	417,400	1,904,000	1,681,000	4,293,000	4,781,000	13,220,000
S	5,566	16,700	27,830	38,960	50,090	417,400	1,904,000	1,681,000	3,132,000	5,994,000	13,270,000
SSW	5,566	16,700	27,830	38,960	50,090	987,400	3,675,000	6,468,000	2,354,000	6,406,000	20,030,000
SW	5,566	16,700	27,830	38,960	118,500	868,000	3,472,000	6,340,000	4,224,000	5,540,000	20,650,000
WSW	5,566	16,700	27,830	92,160	104,200	868,000	3,472,000	6,340,000	7,678,000	9,754,000	28,360,000
W	5,566	16,700	27,830	92,160	104,200	868,000	3,472,000	5,998,000	3,611,000	2,234,000	16,430,000
WNW	5,566	16,700	27,830	92,160	104,200	987,400	3,472,000	5,806,000	1,615,000	2,077,000	14,200,000
NW	5,566	16,700	27,830	38,960	118,500	987,400	3,950,000	1,154,000	1,615,000	2,109,000	10,020,000
NNW	5,566	16,700	27,830	38,960	50,090	417,400	3,950,000	2,799,000	724,400	732,800	8,762,000
Total	89,050	267,100	445,200	782,900	1,100,000	9,740,000	41,280,000	58,180,000	51,930,000	64,250,000	228,100,000

Agricultural Production and Radiological Exposure Pathway Data for Bell Bend Nuclear Power Plant 1

Table 24: Annual Below Ground Vegetable Production by Sector, Kilograms

Sector	Distance (miles)										Total
	1	2	3	4	5	10	20	30	40	50	
N	550.6	1,652	2,753	3,854	4,956	41,300	165,200	275,300	148,200	164,600	808,400
NNE	550.6	1,652	2,753	3,854	4,956	41,300	165,200	275,300	148,200	190,600	834,300
NE	550.6	1,652	2,753	3,854	4,956	41,300	165,200	275,300	148,200	103,800	747,600
ENE	550.6	1,652	2,753	3,854	4,956	41,300	165,200	275,300	96,740	103,800	696,100
E	550.6	1,652	2,753	3,854	4,956	41,300	165,200	275,300	154,500	124,400	774,400
ESE	550.6	1,652	2,753	3,854	4,956	41,300	165,200	275,300	423,000	543,900	1,462,000
SE	550.6	1,652	2,753	3,854	4,956	41,300	911,800	1,520,000	2,128,000	1,234,000	5,848,000
SSE	550.6	1,652	2,753	3,854	4,956	41,300	911,800	1,520,000	2,128,000	1,234,000	5,848,000
S	550.6	1,652	2,753	3,854	4,956	41,300	911,800	1,520,000	2,128,000	120,200	4,734,000
SSW	550.6	1,652	2,753	3,854	4,956	109,700	911,800	1,520,000	2,128,000	2,735,000	7,418,000
SW	550.6	1,652	2,753	3,854	13,170	109,700	438,900	731,500	2,128,000	2,735,000	6,165,000
WSW	550.6	1,652	2,753	10,240	13,170	109,700	438,900	731,500	450,200	239,000	1,998,000
W	550.6	1,652	2,753	10,240	13,170	109,700	438,900	731,500	450,200	239,000	1,998,000
WNW	550.6	1,652	2,753	10,240	13,170	109,700	438,900	731,500	15,930	20,480	1,345,000
NW	550.6	1,652	2,753	3,854	13,170	109,700	438,900	93,450	130,800	168,200	963,100
NNW	550.6	1,652	2,753	3,854	4,956	41,300	438,900	275,300	130,800	164,600	1,065,000
Total	8,810	26,430	44,050	80,830	120,400	1,071,000	7,272,000	11,030,000	12,930,000	10,120,000	42,710,000