

ENCLOSURE 2

NRC-DCM Annual Calculation

2 Pages Follow

NRC Minimum Historical Escalation

January 1986 to January 2011

NRC -DCM Annual Calculation - 10 CFR 50.75

March 31, 2011

1. Determine Most Recent Escalation Component

	Base Conversion 1986	Value (2005 4Q - 10 (Dec base)	'05 Base)	Base Labor Adjustment Factor	Current Labor Adjustment Factor
	(1)	(2)	(3)	(4)	(5)

Labor (L)	48.1	100.00	111.3	2.08	2.31
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Dept of Labor, Bureau of Labor Statistics, Employment Cost Index (NAICS), 4th Qtr 2010 (Retrieved March 2011), Private industry, Midwest region

Industrial Power (P)	114.2			191.3	1.675
Light Fuel Oil (F)	82.0			252.1	3.074

Department of Labor, Bureau of Labor Statistics, Producer Price Index Data for December 2010 (Retrieved March 2011); Industrial Power from Commodity code 0543, 500 kw demand, Midwest Region; Light Fuel Oils from Commodity code 0573

Burial (B)

PWR - Blended					12.280
PWR - Direct					27.292
BWR - Blended					12.540
BWR - Direct					24.356

NUREG 1307, Report on Waste Burial, Revision 14 (Table 2.1 in November 2010)

2. Calculate Energy Component (E)

Equation	Industrial Power	Light Fuel Oil	Energy Component
Energy (PWR) = .58(P) + .42(F)	1.675	3.074	2.263
Energy (BWR) = .54(P) + .46(F)	1.675	3.074	2.319

3. Calculate NRC Escalation Factor as of April 2008

	Labor (L)	Energy (E)	Burial (B)	NRC Escalation Factor (6)
PWR - Blended	2.314	2.263	12.280	4.4998
PWR - Direct	2.314	2.263	27.292	7.8025
BWR - Blended	2.314	2.319	12.540	4.5643
BWR - Direct	2.314	2.319	24.356	7.1638

Notes:

- (1) = Base values from NRC Proposed Guidelines
- (2) = Conversion factor to convert from 1986 base to 2005 base.
- (3) = The most recent published value:
- (4) = (3) / (1), Labor only
- (5) = (4) * (3) for Labor, Industrial Power, and Light Fuel Oil
- (6) = (.65 x L) + (.13 x E) + (.22 x B)

NRC Minimum Calculation

January 1986 to January 2011

NRC -DCM Annual Calculation - 10 CFR 50.75**March 31, 2011****1. NRC Minimum Calculation in 1986 Dollars**

	Equation	MWt	1986 Minimum Calculation
Monticello (BWR)	= \$104 million + (0.009 * MWt)	1775	119,975,000
Prairie Island (PWR), Unit 1	= \$75 million + (0.0088 * MWt)	1677	89,757,600
Prairie Island (PWR), Unit 2	= \$75 million + (0.0088 * MWt)	1677	89,757,600

2. NRC Minimum Calculation in 2010 Dollars - Blended Burial Option

	1986 Minimum Calculation	Escalation Rate	2010 Minimum Calculation (Blended)
Monticello (BWR)	119,975,000	4.5643	547,601,510
Prairie Island (PWR), Unit 1	89,757,600	4.4998	403,893,103
Prairie Island (PWR), Unit 2	89,757,600	4.4998	403,893,103

3. NRC Minimum Calculation in 2010 Dollars - Direct Burial Option

	1986 Minimum Calculation	Escalation Rate	2010 Minimum Calculation (Direct)
Monticello (BWR)	119,975,000	7.1638	859,478,922
Prairie Island (PWR), Unit 1	89,757,600	7.8025	700,330,143
Prairie Island (PWR), Unit 2	89,757,600	7.8025	700,330,143