

**United States Nuclear Regulatory Commission Official Hearing Exhibit**

**In the Matter of:** Entergy Nuclear Operations, Inc.  
(Indian Point Nuclear Generating Units 2 and 3)



**ASLBP #:** 07-858-03-LR-BD01  
**Docket #:** 05000247 | 05000286  
**Exhibit #:** ENT000476-00-BD01  
**Admitted:** 10/15/2012  
**Rejected:**  
**Other:**

**Identified:** 10/15/2012  
**Withdrawn:**  
**Stricken:**

ENT000476  
Submitted: March 30, 2012

**Calculation:** UNEMPLOYMENT DURATION  
**Purpose:** Calculate historical unemployment duration  
Supports IPEC Contention Resolution for NYS-12C

**Prepared:** Grant Teagarden 2/2/2012

**Inputs/Methodology:**

Bureau of Labor Statistics [www.bls.gov](http://www.bls.gov)  
Download data for 40+ years, average and median unemployment duration  
Calculate historical average value for comparison.  
POPCST in NUREG/CR-4551 is based on 140 days (20 weeks) of unemployment duration.

Accessed 2/2/2012

**Comments:**

Historical data could only be found at the national level.  
Values are for "Not Seasonally Adjusted". Only this set has annual values.  
Average of historical values is less than 20 weeks.

**Labor Force Statistics from the Current Population Survey  
Original Data Value**

Series Id: LNU03008276  
 Not Seasonally Adjusted  
 Series title: (Unadj) Median Weeks Unemployed  
 Labor force status: Unemployed  
 Type of data: Number of weeks  
 Age: 16 years and over  
 Years: 1970 to 2010

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1970	4.4	4.9	5.8	4.8	4.9	4.0	4.9	5.5	4.3	4.7	5.1	6.1	4.9
1971	5.9	6.9	8.3	7.7	7.0	4.6	5.9	6.4	4.7	5.8	5.8	6.3	6.3
1972	5.9	7.3	8.6	8.2	7.0	4.4	5.7	6.0	4.5	5.1	5.1	6.2	6.2
1973	5.4	5.8	7.2	6.2	5.2	4.0	4.8	4.8	4.3	4.9	4.6	4.8	5.2
1974	4.7	5.7	6.3	6.3	4.9	4.2	5.1	4.9	4.3	4.9	4.8	5.9	5.2
1975	6.0	7.9	9.3	11.0	9.9	7.0	7.6	9.1	7.4	7.7	8.8	9.4	8.4
1976	8.6	9.2	11.1	10.2	8.6	6.1	6.7	7.9	6.3	6.9	7.9	8.5	8.2
1977	7.2	8.2	9.2	8.9	8.1	4.8	6.2	7.1	5.5	6.2	6.6	7.4	7.0
1978	6.2	7.7	7.9	7.3	5.8	4.6	5.1	6.0	4.7	5.3	5.2	6.1	5.9
1979	5.6	6.8	7.4	6.4	5.7	4.3	5.2	4.9	4.7	5.0	5.0	6.1	5.4
1980	5.0	6.7	7.5	6.8	5.8	4.9	6.2	7.6	6.7	6.8	7.2	7.9	6.5
1981	7.0	8.2	8.9	8.8	7.1	5.0	6.2	7.3	6.0	6.2	6.5	7.2	6.9
1982	6.8	8.5	9.6	9.8	8.8	7.3	7.4	8.7	8.4	8.8	9.5	10.6	8.7
1983	10.7	11.0	12.9	13.3	12.6	8.8	8.8	9.2	8.2	8.5	8.9	9.1	10.1
1984	8.8	9.3	10.3	10.0	9.3	5.9	6.5	7.2	6.6	6.5	6.9	7.6	7.9
1985	6.6	7.9	8.7	8.3	7.0	5.2	6.1	7.1	6.0	6.4	6.7	7.2	6.8
1986	6.6	7.7	8.4	7.9	6.9	5.6	6.2	7.1	6.3	6.4	6.8	7.5	6.9
1987	6.8	7.4	8.2	8.3	6.6	5.2	5.9	6.4	5.1	5.7	5.9	6.3	6.5
1988	6.2	7.1	8.0	6.8	5.9	4.7	5.6	5.9	4.8	5.1	5.3	6.1	5.9
1989	5.6	6.0	6.8	6.3	5.3	4.4	5.1	5.0	4.2	4.5	4.5	5.1	4.8
1990	5.0	5.9	6.2	5.8	5.3	4.1	4.9	5.2	5.0	5.4	5.3	6.1	5.3
1991	5.9	6.9	8.2	8.0	6.5	5.5	6.2	7.1	6.2	6.7	7.1	8.0	6.8
1992	8.0	9.1	10.1	10.2	8.9	6.9	7.6	8.6	8.0	8.4	8.6	9.5	8.7
1993	8.4	9.2	10.3	10.1	8.2	6.5	7.2	8.1	7.9	7.6	8.1	8.4	8.3
1994	8.4	9.8	11.2	11.1	9.2	7.1	8.1	8.9	9.0	9.6	8.7	8.7	9.2
1995	7.7	8.6	9.8	10.2	9.0	5.9	7.8	8.4	7.8	7.9	7.7	8.2	8.3
1996	7.9	8.3	9.8	10.6	8.5	6.1	7.7	8.6	8.5	8.1	7.3	7.7	8.3
1997	7.4	8.6	9.3	10.2	7.8	5.8	7.7	8.0	8.3	7.5	7.3	7.4	8.0
1998	6.9	7.5	8.0	8.1	5.9	4.9	6.3	7.0	6.8	5.7	6.4	6.7	6.7
1999	6.5	7.4	8.0	7.4	6.4	4.5	5.4	6.7	6.0	6.1	6.0	5.8	6.4
2000	5.5	6.6	7.0	7.3	5.7	4.2	5.5	6.4	5.3	6.1	5.9	6.0	5.9
2001	5.5	6.6	7.7	7.0	6.3	4.4	6.2	6.9	7.2	7.3	7.5	8.3	6.8
2002	8.1	8.9	9.7	10.4	9.4	8.1	8.1	8.9	9.5	9.6	9.2	9.7	9.1
2003	9.3	10.2	11.2	12.0	10.0	8.6	9.2	10.0	10.2	10.3	10.2	10.6	10.1
2004	10.4	10.9	11.8	11.0	9.9	8.2	8.0	9.2	9.5	9.5	9.7	9.6	9.8
2005	9.2	9.8	10.7	10.4	9.1	7.0	8.0	9.2	8.4	8.5	8.5	8.6	8.9
2006	8.3	9.6	9.9	9.8	8.6	5.7	7.3	8.5	7.9	7.9	8.2	7.4	8.3
2007	7.9	8.8	10.1	10.1	8.4	6.2	8.0	8.8	8.7	8.5	8.6	8.3	8.5
2008	8.5	8.9	9.4	11.0	8.2	7.5	8.9	9.5	10.3	10.6	9.9	10.5	9.4
2009	10.0	11.7	13.1	15.4	15.1	14.5	14.7	15.5	18.1	19.3	20.2	20.2	15.1
2010	18.6	19.6	21.6	25.8	24.2	21.6	20.3	19.6	20.5	21.9	21.7	22.3	21.4
												<b>Average</b>	<b>7.9</b>

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Original Data Value**

Series Id: LNU03008275  
 Not Seasonally Adjusted  
 Series title: (Unadj) Average Weeks Unemployed  
 Labor force status: Unemployed  
 Type of data: Number of weeks  
 Age: 16 years and over  
 Years: 1970 to 2010

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1970	7.6	8.1	9.5	9.5	9.5	7.5	8.3	8.5	8.2	8.3	9.0	10.1	8.6
1971	10.0	10.5	12.1	12.5	12.5	10.2	10.7	11.1	11.0	12.0	11.5	11.8	11.3
1972	11.5	12.5	14.0	14.2	13.7	11.0	11.0	11.5	11.2	11.2	11.0	11.6	12.0
1973	10.4	10.6	12.0	11.4	11.2	8.6	9.0	9.6	8.7	9.8	9.6	9.6	10.0
1974	9.0	9.7	10.8	11.2	10.6	8.7	9.3	9.6	8.9	9.5	9.4	10.3	9.8
1975	10.1	11.8	13.0	14.7	14.8	13.7	14.2	15.2	14.9	14.9	16.2	16.9	14.2
1976	15.8	16.4	18.0	18.0	16.6	15.1	14.9	15.2	14.2	14.7	15.0	15.6	15.8
1977	14.5	14.8	15.7	16.3	16.4	12.9	13.5	13.4	13.1	13.3	13.3	14.1	14.3
1978	12.4	12.6	13.4	13.9	13.3	10.8	11.3	11.0	10.8	11.4	10.9	11.0	11.9
1979	10.7	11.3	12.7	12.4	12.1	9.4	9.6	10.2	10.0	10.2	10.4	11.0	10.8
1980	10.1	10.7	11.9	12.7	11.7	10.4	11.0	12.0	12.3	12.9	13.3	14.0	11.9
1981	13.8	14.3	15.1	15.4	14.5	12.7	12.9	13.9	13.0	13.3	12.9	13.2	13.7
1982	13.0	14.3	15.1	16.0	15.9	14.7	14.4	15.7	15.9	16.9	16.9	18.3	15.6
1983	18.8	19.4	20.7	21.3	21.8	19.8	20.0	19.5	19.4	19.8	19.6	19.4	20.0
1984	19.8	19.2	20.2	20.5	19.9	17.3	17.0	16.9	16.4	16.3	17.0	17.1	18.2
1985	15.3	16.0	17.0	17.7	16.1	14.8	14.7	15.0	14.8	14.9	15.7	15.5	15.6
1986	14.4	14.7	15.6	16.0	15.5	14.2	13.4	14.2	13.9	13.7	14.0	14.6	14.5
1987	14.4	14.7	15.6	16.0	15.5	14.2	13.4	14.2	13.9	13.7	14.0	14.6	14.5
1988	13.8	14.3	14.3	14.4	14.4	12.5	12.7	13.5	13.3	13.1	12.5	13.2	13.5
1989	12.3	12.3	12.9	13.5	12.4	10.5	11.2	11.3	11.3	11.6	11.6	11.8	11.9
1990	11.7	11.6	12.4	12.9	12.0	11.1	11.3	12.1	12.1	11.7	12.3	12.6	12.0
1991	12.1	12.7	13.6	14.7	13.3	13.1	13.1	13.8	13.7	13.9	14.7	15.5	13.7
1992	15.9	16.8	17.9	18.8	18.4	17.4	17.2	17.8	17.7	18.5	17.8	19.1	17.7
1993	18.1	18.3	18.4	18.9	18.1	16.9	16.8	17.8	17.8	17.9	18.6	18.3	18.0
1994	18.1	18.9	20.0	20.5	20.1	17.6	18.1	18.8	18.6	19.3	17.9	17.7	18.8
1995	16.5	16.9	18.2	19.0	17.5	14.8	15.7	16.2	16.2	16.2	16.3	16.2	16.6
1996	15.5	16.3	18.2	18.9	17.5	16.2	16.1	17.3	16.9	16.7	15.8	15.6	16.7
1997	15.3	15.7	16.3	16.7	15.7	14.2	15.8	16.0	16.0	16.6	15.3	16.0	15.8
1998	14.9	15.3	15.2	15.6	15.0	12.8	13.7	13.7	14.5	14.6	14.3	14.1	14.5
1999	12.9	13.8	14.1	14.0	13.6	13.1	13.1	13.1	13.1	13.8	12.9	13.0	13.4
2000	12.6	12.6	13.3	13.1	12.8	11.3	12.9	12.9	12.1	13.0	12.4	12.8	12.6
2001	12.2	12.8	13.4	13.1	12.4	11.8	12.3	13.2	13.1	13.5	14.4	14.7	13.1
2002	14.1	15.0	16.2	17.2	17.1	15.9	15.9	16.3	17.5	18.0	17.8	18.8	16.6
2003	17.8	18.6	18.9	20.6	19.6	18.4	18.4	19.1	19.5	19.6	20.1	20.0	19.2
2004	19.0	20.3	20.8	21.0	20.3	18.8	17.5	18.7	19.5	19.8	20.0	19.5	19.6
2005	18.5	19.2	20.4	21.1	19.1	16.3	16.5	18.4	18.2	18.3	17.8	17.5	18.4
2006	16.0	17.9	17.8	18.0	17.5	15.1	16.1	17.2	17.5	16.7	16.6	15.9	16.8
2007	15.5	16.7	18.4	18.3	17.1	15.1	16.3	17.0	16.7	17.4	17.6	16.4	16.8
2008	16.6	16.8	16.9	18.3	17.0	15.9	17.6	17.6	19.1	20.4	19.2	19.5	17.9
2009	18.8	19.9	21.2	23.4	23.1	22.5	24.1	25.1	27.2	28.1	29.4	29.0	24.4
2010	28.9	29.3	32.1	35.8	35.1	32.8	32.6	33.1	34.1	34.9	34.5	34.0	33.0
												<b>Average</b>	<b>15.5</b>