

CCNPP3COLA PEmails

From: Steckel, James
Sent: Thursday, June 23, 2011 12:52 PM
To: CCNPP3COLA PEmails
Subject: FW: Electricity Crisis 11-11-09 Take the Nuclear Quiz: You're NOT Going to Like the Answers- The Guardian, UK
Attachments: HB 3962 and BGE Energy Assistance Eligibility_2.xls

From: Quinn, Laura
Sent: Monday, November 23, 2009 2:23 PM
To: Hendrickson, Paul L; Kugler, Andrew
Cc: Parkhurst, Mary Ann; Chapman, Elaine G; CCNPP3COL Resource
Subject: FW: Electricity Crisis 11-11-09 Take the Nuclear Quiz: You're NOT Going to Like the Answers- The Guardian, UK

FYI, For your consideration in developing the DEIS for Calvert Cliffs.
Thanks
Laura

From: William Johnston [mailto:wj3@comcast.net]
Sent: Wednesday, November 11, 2009 12:55 PM
To: Chris Bush
Cc: Peter Vogt; Bruce Gordon; Tom Deming, Esq.; James Mason; Norman Meadow; Quinn, Laura; Marty Madden; Jeff Newman; Christie Goodman
Subject: Fw: Electricity Crisis 11-11-09 Take the Nuclear Quiz: You're NOT Going to Like the Answers- The Guardian, UK

----- Original Message -----

From: Chris Bush
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Sent: Wednesday, November 11, 2009 3:01 PM
Subject: Fw: Electricity Crisis 11-11-09 Take the Nuclear Quiz: You're NOT Going to Like the Answers- The Guardian, UK

----- Original Message -----

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Sent: Wednesday, November 11, 2009 11:57 AM

Subject: Electricity Crisis 11-11-09 Take the Nuclear Quiz: You're NOT Going to Like the Answers- The Guardian, UK

Electricity Crisis 11-11-09

Motion to Table: the table of premium percentage limitations used in the spreadsheet in the EC 11-10-09 comes from HB 3962, but the reference link in that spreadsheet doesn't include page #; hence, to assist folks locate the info, that spreadsheet is modified and is attached above ("HB 3962 and BGE Energy Assistance Eligibility_2"), with the added page citation- that page is # 252 of HB 3962. AND, the page reference for the formula on the penalty is page 297, Lines 7-10 (the "IRS Filing Level" is found under Internal Code Section 6012(a)(1), as indicated on Line 10 of page 297). Also, for incomes BELOW 133% of the FPL, HB 3962 applies the same premium limits as is the case for 133% FPL (page # 252, Lines 3-7). Finally, notes providing citations within each link in the legend are also added (and, a duplicative link to the baltsun is removed) - cb

> Take the Nuclear Quiz: You're NOT going to Like the Answers- The Guardian, UK/

Maryland is Facing the SAME PROBLEMS that Britain is Dealing with- as Regards the French: Remember, France OWNS BOTH EDF AND AREVA...

...CAUTION: Do NOT Take this Quiz Standing Up- You Should be Sitting Down, as the Answers Will Stun You

- see the guardian.co.uk link

- take the nuclear quiz from The Guardian
- one change: substitute "O'Malley Administration" for "Labour government" to assess the impact of this quiz on Maryland
- you're NOT going to like the answers ("guardian", paragraphs 1-14):

###

If you think the Labour government has done the right thing in its decision to [expand nuclear power in the UK by 50%](#), see how you fare with this quiz. Are the following dozen statements true or false?

- 1) The independent French nuclear safety authority posts French nuclear incidents on its website, all [800-a-year of them](#).
- 2) One of the two reactors Areva is building as forerunners for the 12 that will supposedly be built in the UK, the Olkiluoto plant in Finland, has fallen [far behind schedule and over budget](#) and the French company is locked in a legal battle over the overruns with the end user, the utility company TVO. The second reactor, at Flamanville in France, is also way behind schedule.
- 3) The Finnish nuclear regulator has attacked Areva for fielding experts in the reactor-building programme who have a ["lack of professional knowledge"](#).
- 4) A spate of nuclear leaks has forced the French government to [address public fears](#) by ordering drilling into, and sampling, of the groundwater under all 58 French nuclear reactors.
- 5) This July, a heatwave shut a third of French reactors, because rivers became too hot to act as coolant. France was [forced to import electricity from the UK](#).
- 6) Things got little better as winter approached. With almost one third of France's reactors out of service for maintenance and other reasons, France will have to import electricity at peak hours [during the winter](#) – for the second year running – to avoid the risk of blackouts.
- 7) French government ministers and officials had to [cancel their visits](#) to the flagship Cadarache nuclear facility after kilograms of plutonium dust were discovered on the site.
- 8) There were [1,767 leaks, breakdowns, or other safety "events"](#) at British nuclear plants between 2001 and 2008. A Nuclear Installations Inspectorate (NII) report says about half were serious enough "to have had the potential to challenge a nuclear safety system".
- 9) [A radioactive leak, undiscovered for 14 months](#), was found at Sellafield just before a visit by the prime minister. A board of inquiry concluded the leak went unnoticed because "managerial controls over the line were insufficient and there was inadequate inspection". Meanwhile, elsewhere on the site two containers of highly radioactive material went missing. The operator said it was most likely that "the anomaly lies within the accounting procedures".
- 10) Sellafield Ltd [has admitted](#) its £1.8bn nuclear reprocessing plant may not be able to meet NII orders for operation, as a result of continuing technical problems. Two of the plants have been breaking down repeatedly, and the third has been closed after a rise in radiation levels. Work has started on a new £100m evaporator, but it is behind schedule, and probably won't come on stream before 2013. Germany may sue if spent fuel is not returned reprocessed. Closure of the plant would slow decommissioning of British nuclear plants, and remove much of the £70bn needed for that process, which reprocessing at Thorp was supposed to raise a good deal of, meaning another drain on the British public's taxes.
- 11) The NII, charged with overseeing all such problems, has an acute [staff shortage](#). The Health and Safety Executive, for its part wants to create "exclusions" in its assessment of new reactor designs, in order to "streamline" the process.
- 12) Nuclear safety authorities from France, Finland and UK have asked Areva to [modify its EPR reactor design](#). They have concerns over the "independence principle", and profess there is too high a degree of interactivity between the control and safety systems.

All these statements [are true](#). Do you still think the government has done the right thing?

###

<http://www.guardian.co.uk/commentisfree/2009/nov/10/nuclear-power-uk-questions>

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Hearing Identifier: CalvertCliffs_Unit3Cola_Public_EX
Email Number: 2319

Mail Envelope Properties (0AA17736E4C4154CA37233EEBFC8DEB27400C0E184)

Subject: FW: Electricity Crisis 11-11-09 Take the Nuclear Quiz: You're NOT Going to
Like the Answers- The Guardian, UK
Sent Date: 6/23/2011 12:52:17 PM
Received Date: 6/23/2011 12:52:17 PM
From: Steckel, James

Created By: James.Steckel@nrc.gov

Recipients:
"CCNPP3COLA PEmails" <CCNPP3COLA.PEmails@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	Size	Date & Time
MESSAGE	19965	6/23/2011 12:52:17 PM
HB 3962 and BGE Energy Assistance Eligibility_2.xls		99394

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

House Bill 3962 and MD Energy Assistance Eligibility_2

(See the colors below for the source for the info in the colored boxes).

		Avg Indiv Ann h/i Prem	\$4,824			
		Avg Fam Ann h/i Prem	\$13,375			
		% of FPL			133%	
		Premium Limit			1.50%	
		Penalty Tax			2.50%	
# in Home	FPL	IRS Filing Lev	X 133%	Premium	Penalty	
1	\$10,830	-\$9,350	\$14,404	\$216	\$37	
2	\$14,570	-\$15,650	\$19,378	\$291	0	
3	\$18,310	-\$19,300	\$24,352	\$365	0	
4	\$22,050	-\$26,000	\$29,327	\$440	0	
5	\$25,790	-\$29,650	\$34,301	\$515	0	
6	\$29,530	-\$33,300	\$39,275	\$589	0	
7	\$33,270	-\$36,950	\$44,249	\$664	0	
8	\$37,010	-\$40,600	\$49,223	\$738	0	

Note: the penalty is doubled at the #4 in home level and higher, assuming that 2 parents in
The penalty is calculated as follows: (FPL – IRS filing level) x 2.5%. [docs house, page 297,

<http://aspe.hhs.gov/poverty/09poverty.shtml>

Note: See table.

http://docs.house.gov/rules/health/111_ahcaa.pdf

Note: affordability credit table is on page 252 at the top. [docs house, page 252].

<http://www.irs.gov/newsroom/article/0,,id=187825,00.html>

Note: "IRS Filing Level" is referenced in HB 3962 [docs house, page 297, Line 10, IRC 6012]

http://weblogs.baltimoresun.com/business/consuminginterests/blog/2009/10/baltimore_furnace_wi

Note: see chart at bottom of page- the income levels correspond to 175% of the FPL.

http://www.dhmd.state.md.us/mma/mchp/pdf/2009/MCHP_Income_Guidelines_3-09.pdf

Note: See table.

<http://www.ama-assn.org/amednews/2009/09/28/gvsc0928.htm>

See paragraph 3.

http://www.meps.ahrq.gov/mepsweb/data_files/publications/cb18/cb18.pdf

Note: See windows page # 9, chart; windows page # 75, right column, paragraphs 2-5.

http://factfinder.census.gov/servlet/QTTable?_bm=n&_lang=en&qname=DEC_2000_SF3_U_DF

Note: scroll down ½ way down page, see chart at right for income, 1999 (latest census data)

149% 3.00% 2.50%			150% 3.00% 2.50%			175% MD Energy Eligibility		
<u>X 149%</u>	<u>Premium</u>	<u>Penalty</u>	<u>X 150%</u>	<u>Premium</u>	<u>Penalty</u>		<u>X 199%</u>	
\$16,137	\$484	\$170	\$16,245	\$487	\$172		\$21,552	
\$21,709	\$651	\$151	\$21,855	\$656	\$155		\$28,994	
\$27,282	\$818	\$200	\$27,465	\$824	\$204		\$36,437	
\$32,855	\$986	\$343	\$33,075	\$992	\$354		\$43,880	
\$38,427	\$1,153	\$439	\$38,685	\$1,161	\$452		\$51,322	
\$44,000	\$1,320	\$535	\$44,295	\$1,329	\$550		\$58,765	
\$49,572	\$1,487	\$631	\$49,905	\$1,497	\$648		\$66,207	
\$55,145	\$1,654	\$727	\$55,515	\$1,665	\$746		\$73,650	

h/h, thus double the penalty (there is NO penalty assessed against dependents [docs house, page 297, lines 7-10]

'a)(1).]

[atherizati.htm](#)

'3&ds_name=DEC_2000_SF3_U&geo_id=04000US24
(available).

199%
5.50%
2.50%

200%
5.50%
2.50%

249%
8.00%
2.50%

<u>Premium</u>	<u>Penalty</u>	<u>X 200%</u>	<u>Premium</u>	<u>Penalty</u>	<u>X 249%</u>	<u>Premium</u>
\$1,185	\$305	\$21,660	\$1,191	\$308	\$26,967	\$2,157
\$1,595	\$334	\$29,140	\$1,603	\$337	\$36,279	\$2,902
\$2,004	\$428	\$36,620	\$2,014	\$433	\$45,592	\$3,647
\$2,413	\$894	\$44,100	\$2,426	\$905	\$54,905	\$4,392
\$2,823	\$1,084	\$51,580	\$2,837	\$1,097	\$64,217	\$5,137
\$3,232	\$1,273	\$59,060	\$3,248	\$1,288	\$73,530	\$5,882
\$3,641	\$1,463	\$66,540	\$3,660	\$1,480	\$82,842	\$6,627
\$4,051	\$1,652	\$74,020	\$4,071	\$1,671	\$92,155	\$7,372

Lines 3-6; page 299, Lines 1-6))

250% 8.00% 2.50%			299% 10.00% 2.50%			
Penalty	X 250%	Premium	Penalty	X 299%	Premium	Penalty
\$440	\$27,075	\$2,166	\$443	\$32,382	\$3,238	\$576
\$516	\$36,425	\$2,914	\$519	\$43,564	\$4,356	\$698
\$657	\$45,775	\$3,662	\$662	\$54,747	\$5,475	\$886
\$1,445	\$55,125	\$4,410	\$1,456	\$65,930	\$6,593	\$1,996
\$1,728	\$64,475	\$5,158	\$1,741	\$77,112	\$7,711	\$2,373
\$2,011	\$73,825	\$5,906	\$2,026	\$88,295	\$8,829	\$2,750
\$2,295	\$83,175	\$6,654	\$2,311	\$99,477	\$9,948	\$3,126
\$2,578	\$92,525	\$7,402	\$2,596	\$110,660	\$11,066	\$3,503

300%
10.00%
2.50%

349%
11.00%
2.50%

<u>X 300%</u>	<u>Premium</u>	<u>Penalty</u>	<u>X 349%</u>	<u>Premium</u>	<u>Penalty</u>	<u>X 350%</u>
\$32,490	\$3,249	\$579	\$37,797	\$4,158	\$711	\$37,905
\$43,710	\$4,371	\$702	\$50,849	\$5,593	\$880	\$50,995
\$54,930	\$5,493	\$891	\$63,902	\$7,029	\$1,115	\$64,085
\$66,150	\$6,615	\$2,008	\$76,955	\$8,465	\$2,548	\$77,175
\$77,370	\$7,737	\$2,386	\$90,007	\$9,901	\$3,018	\$90,265
\$88,590	\$8,859	\$2,765	\$103,060	\$11,337	\$3,488	\$103,355
\$99,810	\$9,981	\$3,143	\$116,112	\$12,772	\$3,958	\$116,445
\$111,030	\$11,103	\$3,522	\$129,165	\$14,208	\$4,428	\$129,535

350%
11.00%
2.50%

400%
12%
2.50%

<u>Premium</u>	<u>Penalty</u>	<u>X 400%</u>	<u>Premium</u>	<u>Penalty</u>
\$4,170	\$714	\$43,320	\$5,198	\$849
\$5,609	\$884	\$58,280	\$6,994	\$1,066
\$7,049	\$1,120	\$73,240	\$8,789	\$1,349
\$8,489	\$2,559	\$88,200	\$10,584	\$3,110
\$9,929	\$3,031	\$103,160	\$12,379	\$3,676
\$11,369	\$3,503	\$118,120	\$14,174	\$4,241
\$12,809	\$3,975	\$133,080	\$15,970	\$4,807
\$14,249	\$4,447	\$148,040	\$17,765	\$5,372