

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

ATOMIC SAFETY AND LICENSING BOARD

Before Administrative Judges:

Lawrence G. McDade, Chairman
Dr. Michael F. Kennedy
Dr. Richard E. Wardwell

In the Matter of	Docket Nos. 50-247-LR and 50-286-LR
ENTERGY NUCLEAR OPERATIONS, INC.	ASLBP No. 07-858-03-LR-BD01
(Indian Point Nuclear Generating Units 2 and 3)	December 27, 2012

ORDER

(Adopting Proposed Transcript Corrections with Minor Edits)

On December 5, 2012, Entergy Nuclear Operations, Inc. (Entergy), the State of New York (New York), Riverkeeper, Inc. (Riverkeeper), Hudson River Sloop Clearwater Inc. (Clearwater), and the NRC Staff filed a joint proposal of transcript corrections for the evidentiary hearing held on October 15-18 and October 22-24, 2012.¹ The Board adopts the parties' proposal with the following exceptions:

Contention RK-TC-2:

Page	Line	Now Reads	Should Read	Witness/Speaker
1444	19	experiments assume that	experiments <u>have shown</u> that	Jeffrey Horowitz

Contention NYS-12C:

Page	Line	Now Reads	Should Read	Witness/Speaker
2244	21	decontamination techniques.	decontamination techniques." <u> </u>	Kevin O'Kula

¹ Letter from Counsel for Entergy Nuclear Operations, Inc., Counsel for Riverkeeper, Inc., Counsel for the State of New York, Counsel for the NRC Staff, and Counsel for Hudson [River] Sloop Clearwater, Inc., to Lawrence G. McDade, Chairman, Dr. Michael F. Kennedy, and Dr. Richard Wardwell, Atomic Safety and Licensing Board (Dec. 5, 2012) at 1.

Contention NYS-17B:

Page	Line	Now Reads	Should Read	Witness/Speaker
2559	24, 25	the p - -	the - -	Stephen Sheppard
2567	20, 21	date s I can --	date - - so I can - -	Stephen Sheppard
2580	20, 21	date p - - a purchase date and a sales date, the	date - - a purchase date and a sales date - - the	Stephen Sheppard
2581	9, 10	so if it was p - - it could	so if it - - it could	Stephen Sheppard
2593	11, 12	expected p - - if you	expected - - if you	George Tolley
2641	3	about there may - - there	about there - - there	Stephen Sheppard

Contention CW-EC-3A:

Page	Line	Now Reads	Should Read	Witness/Speaker
2727	8	Patricial Milligan	Patricia Milligan	None
2805	10	Okay. <u>Dr. Edelson</u>	Okay. <u>Dr. Edelstein</u>	Judge McDade

Contention NYS-37:

Page	Line	Now Reads	Should Read	Witness
3047	25	822	8-22	Andrew Stuyvenberg

These Board corrections include the resolution of a contested correction; places in the transcript that were unclear and the parties were unable to propose a correction; typographical errors in the proposed citation; duplicative entries; and words missing from the proposed correction. In the case of unclear and disputed corrections, the Board reviewed an audio file of that section of the transcript to ensure accurate correction.

In accordance with 10 C.F.R. § 2.327(d), the Board has attached an appendix of all corrections to the October 15-18 and October 22-24, 2012 transcripts to this order, which shall be included in the record of this proceeding. Pursuant to 10 C.F.R. § 2.327(d), the Office of the Secretary will “make the necessary physical corrections in the official transcript, so that it will incorporate the changes ordered.”²

² 10 C.F.R. § 2.327(d).

The Board also notes that the evidentiary record for Track 1 contentions is not being closed at this juncture. An order closing the evidentiary record for Track 1 contentions will issue at a later date.

It is so ORDERED.

FOR THE ATOMIC SAFETY
AND LICENSING BOARD

/RA/

Lawrence G. McDade, Chairman
ADMINISTRATIVE JUDGE

Rockville, Maryland
December 27, 2012

APPENDIX TO THE TRANSCRIPT PURSUANT TO 10 C.F.R. § 2.327(d)

Proceeding Name: Entergy Nuclear Operations, Inc. (Indian Point Generating Units 2 and 3)

Docket Nos.: 50-247-LR and 50-286-LR

ASLBP No.: 07-858-03-LR-BD01

Contention: RK-TC-2

Hearing Date(s): October 15-17, 2012

ACCEPTED CORRECTIONS:

Page	Line	Now Reads	Should Read	Witness/Speaker
1270	1-6	(Whereupon, the documents referred to as NRC Staff 3, Clearwater 4, Riverkeeper 9, New York 17 and Entergy 7 were marked for identification and received in evidence.)	(Whereupon, the documents referred to as NRC Staff <u>NRCR30001</u> , Clearwater <u>CLER40001</u> , Riverkeeper <u>RIVR90001</u> , New York <u>NYSR17001</u> and Entergy <u>ENTR70001</u> were marked for identification and received in evidence.)	N/A
1293	22	affect	inspect	Jeffrey Horowitz
1294	2	position	permission	Robert Aleksick
1295	22	You just simply	You <u>don't</u> just simply	Robert Aleksick
1297	18	where is calculated for each operating period?	<u>wear</u> is calculated for each operating period.	Robert Aleksick
1299	22	fact	FAC	Robert Aleksick
1304	11	alternate	ultimate	Robert Aleksick
1306	24	diverse	differ	Robert Aleksick
1313	17	There is a facility and a program.	There is a <u>capability in the</u> program,	Robert Aleksick
1338	11	log	lots of	Jeffrey Horowitz
1317	21	ani	an	Dr. Joram Hopenfeld
1318	4	Surry was indicated	Surry indicated	Dr. Joram Hopenfeld

Page	Line	Now Reads	Should Read	Witness/Speaker
1318	15	operating up to nine facilities	operating up to nine facilities	Dr. Joram Hopenfeld
1323	11	bought	brought	Dr. Joram Hopenfeld
1323	17	project	process	Dr. Joram Hopenfeld
1323	22	But they haven't.	But they haven't.	Dr. Joram Hopenfeld
1324	7	they you give	they give	Dr. Joram Hopenfeld
1324	13	without --	without --	Dr. Joram Hopenfeld
1324	17	excess for	x-ray	Dr. Joram Hopenfeld
1326	5	aspect	respect	Dr. Joram Hopenfeld
1327	21	was	would	Dr. Joram Hopenfeld
1328	7-8		[for clarification purposes, this sentence is referring to the data in Figure 1A on slide 6 of Dr. Hopenfeld's CHECWORKS presentation, as well as figure 1 in RIV000111.	Dr. Joram Hopenfeld
1331	7	the number lost	the loss	Dr. Joram Hopenfeld
1331	15	arcs	curves	Dr. Joram Hopenfeld
1332	4	this not the	this is not	Dr. Joram Hopenfeld
1332	5-6	control	controlled	Dr. Joram

Page	Line	Now Reads	Should Read	Witness/Speaker
				Hopenfeld
1333	5	(indiscernible)	eaten away	Dr. Joram Hopenfeld
1333	11	and which is the size of	and which is the size of	Dr. Joram Hopenfeld
1337	6	to say	to make	Dr. Joram Hopenfeld
1337	9	It was	It was in	Dr. Joram Hopenfeld
1342	16	NEI-9510	NEI 95_10	Alan Cox
1342	17	four	for	Alan Cox
1348	18	GALL Rev 2 and Rev 3	GALL Rev <u>1</u> and Rev <u>2</u>	Alan Cox
1348	25	GALL Rev 1 had referred to Rev 2.	GALL Rev 1 had referred to Rev 2 <u>of NSAC-202L</u> .	Alan Cox
1350	2	50.50	50.5 <u>9</u>	Alan Cox
1357	24	address	may I add to	Nelson Azevedo
1371	15	look to NAC-202L	look to <u>NSAC</u> -202L	Judge McDade
1382	18	NEI-9510	NEI 95_10	Alan Cox
1385	10	supply	supplied	Alan Cox
1400	16	due	do	Alan Cox
1406	24-25	recommendation NSAC-202L	recommendations <u>of</u> NSAC-202L	Alan Cox
1409	7	it appointed	Indian Point	Allen Hiser
1422	6	on iota	one iota	Dr. Joram Hopenfeld
1422	14	that	than	Dr. Joram Hopenfeld

Page	Line	Now Reads	Should Read	Witness/Speaker
1422	15	sight	size	Dr. Joram Hopenfeld
1432	16	the fact on	the fact on	Dr. Joram Hopenfeld
1432	20	tell me	tell you	Dr. Joram Hopenfeld
1432	21	how my experience of it	about my experience with it	Dr. Joram Hopenfeld
1433	7	That's what	That's not what	Dr. Joram Hopenfeld
1434	13	general	in general	Dr. Joram Hopenfeld
1435	4	from	for	Dr. Joram Hopenfeld
1436	8	exploration	explosion	Joram Hopenfeld
1436	11	achieved	fatigued	Dr. Joram Hopenfeld
1436	16	one	one	Dr. Joram Hopenfeld
1436	18	an	in an	Dr. Joram Hopenfeld
1437	1	aspect.	process.	Dr. Joram Hopenfeld
1437	6	you -- Once the corrosion -- are soluble,	you dissolve -- the corrosion products -- are soluble,	Dr. Joram Hopenfeld
1437	13, 20	captivation	cavitation	Judge McDade
1438	22	well	wall	Robert Aleksick
1441	16	outside	oxide	Jeffrey Horowitz

Page	Line	Now Reads	Should Read	Witness/Speaker
1444	17	the path is	it is past the	Jeffrey Horowitz
1444	20	at metal graphically	metallographically	Jeffrey Horowitz
1441	20	brought	showed	Dr. Joram Hopenfeld
1443	14	coherent with	adherent to	Dr. Joram Hopenfeld
1443	20	So you	So when you	Dr. Joram Hopenfeld
1443	20	velocity. You have	velocity, you	Dr. Joram Hopenfeld
1444	2	a proportion	proportional	Dr. Joram Hopenfeld
1446	16	what the German said	what the <u>gentleman</u> said	Joram Hopenfeld
1446	23	or	or	Dr. Joram Hopenfeld
1446	24	Stock equation	Navier Stokes equations	Dr. Joram Hopenfeld
1447	9	of geometry and turbulence	and geometry of turbulence	Dr. Joram Hopenfeld
1447	11	to do	to consider	Dr. Joram Hopenfeld
1449	5	I have	I would have	Dr. Joram Hopenfeld
1449	9	to do --	to do with sampling.	Dr. Joram Hopenfeld
1449	15	is --	is wrong.	Dr. Joram Hopenfeld
1449	23	is	was	Dr. Joram Hopenfeld

Page	Line	Now Reads	Should Read	Witness/Speaker
1449	24	The small	That small	Dr. Joram Hopenfeld
1485	13	Stress	Stretch	Ian Mew
1498	25	there	then	Dr. Joram Hopenfeld
1499	1	something	some kind	Dr. Joram Hopenfeld
1499	3	happened, some	happened to some	Dr. Joram Hopenfeld
1500	7-8	important is after all this experience to	important. It is, after all this experience, to	Dr. Joram Hopenfeld
1501	6	compare	come	Dr. Joram Hopenfeld
1501	11	on	to	Dr. Joram Hopenfeld
1505	8	as a bay	Pass 2	Ian Mew
1507	24-25	both units at approximately 3,700	both units <u>and</u> approximately 3,700	Robert Aleksick
1514	7	to	is	Dr. Joram Hopenfeld
1514	8	is	it is	Dr. Joram Hopenfeld
1514	11	large areas, small areas	large eddies, small eddies	Dr. Joram Hopenfeld
1515	17	it was	there was	Dr. Joram Hopenfeld
1516	5	considered	considerable	Dr. Joram Hopenfeld
1516	5	thick	thick	Dr. Joram Hopenfeld

Page	Line	Now Reads	Should Read	Witness/Speaker
1516	11	suddenly	would suddenly	Dr. Joram Hopenfeld
1516	13	in	in	Dr. Joram Hopenfeld
1517	19	thing	thinning	Dr. Joram Hopenfeld
1518	16	thinning evolves downstream of any orifice.	thinning evolves downstream of an orifice.	Jeffrey Horowitz
1519	4	They did use CHECWORKS.	They did <u>not</u> use CHECWORKS.	Jeffrey Horowitz
1519	9	August. Re-did the drain line. We spoke about this	August. <u>Reheater</u> drain line. We spoke about this	Jeffrey Horowitz
1520	16	all	wall	Jeffrey Horowitz
1521	14	generated in the	the Steam Generator Integrity	Nelson Azevedo
1522	9-10	It's monitored Entergy steam generator integrity program.	It's monitored <u>by the</u> Entergy steam generator integrity program.	Nelson Azevedo
1524	10-11	Because it's pressure of the same side.	Because it is the same pressure on both sides.	Dr. Joram Hopenfeld
1524	12	gradient -active	radioactive	Dr. Joram Hopenfeld
1524	14	auxiliary	accelerated	Dr. Joram Hopenfeld
1524	17	auxiliary	accelerated	Dr. Joram Hopenfeld
1524	18	cracking is	cracking there is	Dr. Joram Hopenfeld
1526	24	what	know	Dr. Joram Hopenfeld
1527	10	Exhibit 000005 at page 3.	Exhibit RIV000005 at page 2-3, 24-25.	Deborah Brancato
1529	16-17	it exactly running a computer code	a computer code running exactly	Dr. Joram

Page	Line	Now Reads	Should Read	Witness/Speaker
		like a CHECWORKS	like a CHECWORKS	Hopenfeld
1530	17	reg	rig	Dr. Joram Hopenfeld
1531	6	that's	that's not	Dr. Joram Hopenfeld
1535	18	know	know how	Dr. Joram Hopenfeld
1536	8	CAGE	French	Dr. Joram Hopenfeld
1536	10	constance	constants	Dr. Joram Hopenfeld
1536	13	constance	constants	Dr. Joram Hopenfeld
1537	22	factor.	safety.	Dr. Joram Hopenfeld
1544	22	trying	defining	Dr. Joram Hopenfeld
1545	18	in the offshore local	for the local	Dr. Joram Hopenfeld
1549	19	is	is that	Dr. Joram Hopenfeld
1552	5	the control	under controlled	Dr. Joram Hopenfeld
1555	18	flow rate	wear rate	Robert Aleksick
1556	14	a parent measurement	an apparent measurement	Robert Aleksick
1558	5	infrequency	infrequently	Robert Aleksick
1559	15	service	surface	Nelson Azevedo
1561	25	local	local transient	Dr. Joram

Page	Line	Now Reads	Should Read	Witness/Speaker
				Hopenfeld
1562	8	is not – In	is not uniform in	Dr. Joram Hopenfeld
1562	20	50	15	Dr. Joram Hopenfeld
1564	4	to the	to why the	Dr. Joram Hopenfeld
1564	20	to give it to you to	to give it to you to	Dr. Joram Hopenfeld
1565	2	50mL drag	50mm diameter	Dr. Joram Hopenfeld
1565	4	25 mL	25 mm	Joram Hopenfeld
1565	6	pittance	pitting	Dr. Joram Hopenfeld
1566	7	pick up	pick it up	Dr. Joram Hopenfeld
1570	1	0.59	0.059	Dr. Joram Hopenfeld
1570	2	was --	was to 0.26	Dr. Joram Hopenfeld
1571	17	reflects FAC	reflects <u>back</u>	Allen Hiser
1572	15	perpendicular to the lamination	<u>parallel</u> to the lamination	Nelson Azevedo
1576	9	That's not what	That's what	Dr. Joram Hopenfeld
1579	9	it	it at	Dr. Joram Hopenfeld
1587	11	not controlled	not mass transfer controlled	Dr. Joram Hopenfeld

Page	Line	Now Reads	Should Read	Witness/Speaker
1597	24	no	so	Dr. Joram Hopenfeld
1597	23-24	The Regulation 1801	NUREG-1801	Joram Hopenfeld
1603	16	ca	can	Robert Aleksick
1629	14	I	eye	Robert Aleksick
1637	8	imply	apply	Robert Aleksick
1645	23	weld grounds	weld <u>beads</u>	Jeffrey Horowitz
1649	5, 6	KOMMSIE	COMSY	Jeffrey Horowitz
1649	10	When the found that out, and they found	When <u>we</u> found that out, and <u>we</u> found	Jeffrey Horowitz
1649	14-15	one code, one line of FORTRAN, that's all, and a code of this.	one code, one line of FORTRAN, that's all, and a code of this.	Jeffrey Horowitz
1652	11-12	is marred	are off	Dr. Joram Hopenfeld
1653	11	are wearing more than you think they should be, or	are wearing more than you think they should be, or	Jeffrey Horowitz
1655	15	thing	thinning	Dr. Joram Hopenfeld
1659	3	by --	by a factor of two	Dr. Joram Hopenfeld
1659	8	of --	of 2.2	Dr. Joram Hopenfeld
1660	19	easier not just	easier just	Dr. Joram Hopenfeld
1663	11	confused --	confused the drafts	Dr. Joram Hopenfeld
1674	14, 25	goal	GALL	Matthew Yoder
1688	15	they accepted in their compliance	they are in compliance	Dr. Joram Hopenfeld

Page	Line	Now Reads	Should Read	Witness/Speaker
1690	2	regarding	regard	Dr. Joram Hopenfeld
1694	8	AMP	AMP, this	Dr. Joram Hopenfeld
1694	10	numbers.	others.	Dr. Joram Hopenfeld
1694	12	critical --.	critical thickness.	Dr. Joram Hopenfeld
1694	15	critical,	critical thickness,	Dr. Joram Hopenfeld
1694	17	them were	them that were	Dr. Joram Hopenfeld
1694	18	were exceeded	exceeded critical.	Dr. Joram Hopenfeld
1695	17	a leak	a leak occurs	Dr. Joram Hopenfeld
1695	19	stated we	stated, when we	Dr. Joram Hopenfeld
1695	24	is,	is,	Dr. Joram Hopenfeld
1701	2	prefer calling	prefer calling it	Dr. Joram Hopenfeld
1710	10-11	in the site	<u>than safety</u>	Jeffrey Horowitz
1727	11	perspective	prescriptive	Dr. Joram Hopenfeld
1729	13	to	to	Dr. Joram Hopenfeld
1729	15	there	<u>there</u>	Dr. Joram Hopenfeld

Page	Line	Now Reads	Should Read	Witness/Speaker
1729	20	indirectly	indirect	Dr. Joram Hopenfeld
1730	4	Know what --	Know what Describe	Dr. Joram Hopenfeld
1730	9	mineralography	metalography	Dr. Joram Hopenfeld
1730	11	-- to	corrosion or erosion, to	Dr. Joram Hopenfeld
1730	12	and some	and to some	Dr. Joram Hopenfeld
1731	1	a lot --	a lot of data,	Dr. Joram Hopenfeld
1731	24	get blowing up pipes	get pipes blowing up	Dr. Joram Hopenfeld
1731	25	over --	over 60 years	Dr. Joram Hopenfeld
1734	23	thing	thinning	Dr. Joram Hopenfeld
1735	2	they operate and after they operate	the uprate and after the uprate	Dr. Joram Hopenfeld
1735	24	we have --	straight pipes,	Dr. Joram Hopenfeld
1735	25	looking at where – in area	looking in area	Dr. Joram Hopenfeld
1736	8	anywhere	anything	Dr. Joram Hopenfeld
1736	9	look -- and do -- forget	look there and forget	Dr. Joram Hopenfeld
1736	12	say	see that it is	Dr. Joram

Page	Line	Now Reads	Should Read	Witness/Speaker
				Hopenfeld
1736	13	from --	from this data,	Dr. Joram Hopenfeld
1738	5	kind of thing it – by this kind	kind of thinning, this kind	Dr. Joram Hopenfeld
1738	20	better --	better correlation.	Dr. Joram Hopenfeld
1739	3	of	about	Dr. Joram Hopenfeld
1740	14	thing	thinning	Dr. Joram Hopenfeld
1740	15	there	if there	Dr. Joram Hopenfeld
1740	15	It wasn't – if it was	It wasn't scattered, or if it was	Dr. Joram Hopenfeld
1740	21	doesn't --	doesn't help,	Dr. Joram Hopenfeld
1740	22	would	it would	Dr. Joram Hopenfeld
1741	15	I --	I would have done	Dr. Joram Hopenfeld
1742	4	rationing	rationale	Dr. Joram Hopenfeld
1742	7	of it	of it	Dr. Joram Hopenfeld
1742	12	looking	of looking	Dr. Joram Hopenfeld
1742	21	know to	know how to	Dr. Joram Hopenfeld

Page	Line	Now Reads	Should Read	Witness/Speaker
1755	15	There's no --	There's no difference -	Dr. Joram Hopenfeld
1756	6	It's how --	It's how the data is selected.	Dr. Joram Hopenfeld
1756	17	interested --	interested in,	Dr. Joram Hopenfeld
1757	8	no	of no	Dr. Joram Hopenfeld
1757	9	I --	I believe	Dr. Joram Hopenfeld
1760	15	propagates a lot big number than you would think off	propagates into a lot <u>bigger</u> number than you would think <u>of</u> off	Jeffrey Horowitz
1764	3	in the	for the	Dr. Joram Hopenfeld
1764	5	-- or	- they were	Dr. Joram Hopenfeld
1764	18	the response --	if the response was to the direct testimony,	Dr. Joram Hopenfeld
1778	4	and see	and see	Dr. Joram Hopenfeld
1786	20	<i>The list of witnesses omits "Dr. Tina Ghosh," who should be added.</i>		
1788	8-10	(Whereupon, the aforementioned document was marked for identification as Riverkeeper's Exhibit Number RIV000049.)	(Whereupon, the aforementioned documents were marked for identification as Riverkeeper's Exhibit Numbers RIV000132 and RIV000133.)	n/a
1791-1792	24-25, 1-3	(Whereupon, the aforementioned document, having previously been marked for identification as Riverkeeper's Exhibit Number RIV000049, was received de bene esse in evidence.)	(Whereupon, the aforementioned documents, having previously been marked for identification as Riverkeeper's Exhibit Numbers RIV000132 and RIV000133, were received de bene esse in evidence.)	n/a
1801	20-21	their model assumes that the oxide layer is thickness and there is a	their model assumes that the oxide layer <u>has constant thickness</u> and	Jeffrey Horowitz

Page	Line	Now Reads	Should Read	Witness/Speaker
		result the corrosion rate is linear.	there is a <u>as a</u> result the corrosion rate is linear.	
1801	22-23	This is an assumption they check in that test data they show as well as other data. It's a little slow	This is an assumption <u>that</u> they check in that their test data they show <u>this shows</u> as well as <u>in</u> other data. It's <u>also</u>	Jeffrey Horowitz
1811	13	the --	the text,	Dr. Joram Hopenfeld
1811	17	to we	to what we	Dr. Joram Hopenfeld
1813	6	have --	have made a difference.	Dr. Joram Hopenfeld
1815	1	predicted versus that	predicted versus measured	Dr. Joram Hopenfeld
1815	2	see	see that	Dr. Joram Hopenfeld
1815	6	pleasant	simple	Dr. Joram Hopenfeld
1816	17	of the – this is the correct --	of the exhibit is – this is the correct paper -	Dr. Joram Hopenfeld
1825	5	MR. YODER: Matthew Yoder, staff attorney	MR. YODER: Matthew Yoder, staff.	Matthew Yoder
1836	5	but	that	Ian Mew
1838	22	dissect	detect	Alan Cox
1843	5	apart. And that one	apart, and the other one	Dr. Joram Hopenfeld
1843	18	beg	use	Dr. Joram Hopenfeld
1843	21	working	working	Dr. Joram Hopenfeld
1844	12-13	results and nonlinear wear in piping component	results in nonlinear wear in piping components	Deborah Brancato

Page	Line	Now Reads	Should Read	Witness/Speaker
1844	14	He explained	You explained	Deborah Brancato
1844	14	and he did	and you did	Deborah Brancato
1846	3	stray	straight	Dr. Joram Hopenfeld
1846	6	echo	also	Dr. Joram Hopenfeld
1846	8	it is --	it is chemical,	Dr. Joram Hopenfeld
1846	20	bear	wear	Dr. Joram Hopenfeld
1847	19	if you only – it was	if it only was	Dr. Joram Hopenfeld
1847	22	of	over	Dr. Joram Hopenfeld
1847	23	the --	the grid,	Dr. Joram Hopenfeld
1848	22	the --	the numbers,	Dr. Joram Hopenfeld
1848	23	I --	I saw,	Dr. Joram Hopenfeld
1849	13-15	I believe that though there is still hate for the CHECWORKS idea, FAC is simply a dissolution project.	I believe that because they hitched their wagon to the CHECWORKS idea they consider FAC simply as a dissolution process.	Dr. Joram Hopenfeld
1849	24	think that	think that that	Dr. Joram Hopenfeld
1850	2-3	how you people mentioned this whole thing	how people discussed this whole thing	Dr. Joram Hopenfeld
1853	4-5	different processes, Entergy	difference processes Entergy	Deborah Brancato

Page	Line	Now Reads	Should Read	Witness/Speaker
		employees	employs	
1853	8	is the	is, do the	Deborah Brancato
1853	9	applies	apply	Deborah Brancato
1854	1-2	The next question is to Dr. Turk, NRC staff's witnesses.	The next question is to Dr. <u>Hiser</u> , NRC staff's witness.	Deborah Brancato
1854	6	fact	FAC	Deborah Brancato
1858	3	memo	amendment	Deborah Brancato
1877	14	I wear	I bought	Dr. Joram Hopenfeld
1880	11-12	You talked about a competitive program to check work.	You talked about a competitive program to <u>CHECWORKS</u> .	Brad Fagg
1882	12	EVF	EDF	Jeffrey Horowitz

Proceeding Name: Entergy Nuclear Operations, Inc. (Indian Point Generating Units 2 and 3)

Docket Nos.: 50-247-LR and 50-286-LR

ASLBP No.: 07-858-03-LR-BD01

Contention: RK-TC-2

Hearing Date(s): October 15-17, 2012

RESOLUTION OF CONTESTED CORRECTION:

Page	Line	Now Reads	Should Read	Witness/Speaker
1444	19	experiments assume that	experiments <u>have shown</u> that	Jeffrey Horowitz

Proceeding Name: Entergy Nuclear Operations, Inc. (Indian Point Generating Units 2 and 3)

Docket Nos.: 50-247-LR and 50-286-LR

ASLBP No.: 07-858-03-LR-BD01

Contention: NYS-12C

Hearing Date(s): October 17-18, 2012

ACCEPTED CORRECTIONS:

Page	Line	Now Reads	Should Read	Witness/Speaker
1900	11	the evaluate	<u>to</u> evaluate	Grant Teagarden
1900	21	the cost implement of such	the cost <u>to</u> implement such	Grant Teagarden
1909	11	demonstrating that they are in fact severe accidents	demonstrating that they are in fact severe accidents ₂	Kevin O’Kula
1909	12	but multiple system failures linked with the	<u>They have</u> multiple system failures linked with the	Kevin O’Kula
1914	23	infirement (phonetic)	environment	Grant Teagarden
1916	18	look at maybe one of the SAMA candidates can apply	look at maybe one of the SAMA candidates, <u>they</u> can apply	Kevin O’Kula
1919	21	intend	tend	François Lemay
1930	16	wait	weight	Grant Teagarden
1933	1-4	And one of other <u>point that this</u> figure doesn’t show <u>it</u> . <u>But</u> within the 10 mile ring we actually have 10 additional rings for a <u>final</u> resolution in close to the plant.	And one other <u>point</u> . <u>This</u> figure doesn’t show <u>it</u> , <u>but</u> within the 10 mile ring we actually have 10 additional rings for a <u>finer</u> resolution in close to the plant.	Lori Potts
1939	5	DAC	deck	Nathan Bixler
1935	25	traveled	travel	Kevin O’Kula
1945	15	point NEI 05-01	point <u>to</u> NEI 05-01	François Lemay
1946	11	we describe	a description of	François Lemay

Page	Line	Now Reads	Should Read	Witness/Speaker
1946	12	to be site-specific,	to be site-specific;	François Lemay
1946	15	we discuss	<u>it discusses</u>	François Lemay
1960	20	per person on a year	per person <u>–</u> year	Grant Teagarden
1986	14	factor, or 15	factor <u>of</u> 15	Grant Teagarden
1993	24	correction	reduction	Judge McDade
1994	5	correction	reduction	Judge McDade
2004	14	AOECR	OECR	François Lemay
2004	14	we use for our	<u>is</u> used for <u>the</u>	François Lemay
2004	19	we look	<u>ISR</u> <u>looked</u>	François Lemay
2004	19	we found	<u>ISR</u> found	François Lemay
2005	3	they	NUREG-1150	François Lemay
2007	24	to be published	"to be published"	Donald Harrison
2012	6	Chan.	Chan <u>in</u> .	François Lemay
2012	16	to assess	<u>assessing</u>	François Lemay
2012	18	it would ideal	it would <u>be</u> ideal	François Lemay
2013	17	pretending that performed	pretending that <u>we</u> performed	François Lemay
2014	22	wrote	note	Kevin O’Kula
2015	14	tie to a T citation trail	tie to a <u>T</u> citation trail	Kevin O’Kula
2019	12	types situation in	types <u>situated</u> in	Grant Teagarden
2035	19	discussion, as we understand it goes, there are --	discussion, as we understand it goes, that	Kevin O’Kula
2035	20	The cost-benefit analyses are more	the cost-benefit analyses are more	Kevin O’Kula
2037	6	again by	again <u>for</u>	Kevin O’Kula

Page	Line	Now Reads	Should Read	Witness/Speaker
2043	18	Laurie	Lori	Lori Potts
2044	6	that's fortunate.	that's <u>unfortunate</u> .	Lori Potts
2044	17	preferred	proffered	Lori Potts
2051	12	chronic	CHRONC	Judge Wardwell
2054	20	we . . . we	ISR . . . ISR	François Lemay
2054	21	we	ISR	François Lemay
2057	5	seven	seventh	Kevin O'Kula
2057	13	Early	EARLY	Kevin O'Kula
2057	16	early	EARLY	Kevin O'Kula
2058	21	No	Now	Grant Teagarden
2068	2-3	written down and a review	written down <u>in</u> a review	Lori Potts
2073	25	OEC	OEC <u>R</u>	François Lemay
2075	16	you	the applicant	François Lemay
2075	17	your	its	François Lemay
2090	7	Robert M. Aleksick	[delete]	None (should not be on witness list for October 18)
2090	8	Nelson Azevedo	[delete]	None (should not be on witness list for October 18)
2090	9	Ian D. Mew	[delete]	None (should not be on witness list for October 18)
2090	10	Dr. Allen Hiser	[delete]	None (should not be on witness list for October 18)

Page	Line	Now Reads	Should Read	Witness/Speaker
2090	11	Alan Cox	[delete]	None (should not be on witness list for October 18)
2090	12	Kathryn Sutton	[delete]	None (should not be on witness list for October 18)
2090	13	Dr. Joram Hopenfeld	[delete]	None (should not be on witness list for October 18)
2090	14	Jeffrey Horowitz Matthew Yoder	[delete]	None (should not be on witness list for October 18)
2090	15	<i>The list of witnesses omits “Dr. Tina Ghosh,” who should be added.</i>		
2094	1	MR. BESSETTE	MR. SIPOS	John Sipos
2096	25	the morning before	the morning <u>after</u> .	Paul Bessette
2100	1	<i>This line should be attributed to Donnie Harrison, not Joseph Jones</i>		Donnie Harrison
2107	22	and	that	François Lemay
2108	1	value	values	François Lemay
2108	18	cost at site-specific	cost <u>that’s</u> site-specific	François Lemay
2108	25	deficient	fission	François Lemay
2113	16	we scrutinized the input value to see if they’re reasonable,	“we scrutinized the input values to see if they’re reasonable,”	François Lemay
2113	20	if designs have	it assigns that	François Lemay
2114	5	then it becomes you get	then you get	François Lemay
2115	15	have one-time	have <u>a</u> one-time	François Lemay

Page	Line	Now Reads	Should Read	Witness/Speaker
2118	11	11,000	1,100	Joseph Jones
2125	15	in the Plains	in the <u>White Plains area</u>	Kevin O’Kula
2126	9	surfaces would not be touched.	surfaces, <u>some</u> would not be touched.	Kevin O’Kula
2127	9	wouldn’t be cleaned altogether the same way. But this	wouldn’t be cleaned altogether the same way, <u>but that</u> this	Kevin O’Kula
2131	10	use	<u>used</u>	François Lemay
2133	13	PARTICIPANT	DR. O’KULA	Kevin O’Kula
2135	2-3	but just	with what	François Lemay
2137	15	we	ISR	François Lemay
2149	9	MACCS1	MACCS2	François Lemay
2153	3	Every	<u>Not</u> every	Kevin O’Kula
2153	6	meterological data site	meteorological data <u>from the</u> site	Kevin O’Kula
2154	19	take a count	take <u>into account</u>	Kevin O’Kula
2155	9	NUREG/CR-4148	NUREG/CR- <u>5</u> 148	Kevin O’Kula
2163	23-24	potential re-cost beneficial	<u>potentially cost</u> beneficial	Tina Ghosh
2164	3	which	what	Tina Ghosh
2164	17	benefit for Indian Point. And you get over 100	benefit for Indian Point <u>2</u> . And you get over 100	Tina Ghosh
2166	3	we’re going to towards eliminating the	we’re going to towards eliminating the	Tina Ghosh
2167	12	on the walls, now	on the walls. <u>Now</u>	Grant Teagarden
2172	16	Brad	Brian	Brian G. Harris
2173	18	illegal	<u>a</u> legal	John Sipos
2173	20	how	to	John Sipos

Page	Line	Now Reads	Should Read	Witness/Speaker
2176	7	use	uses	François Lemay
2177	7	one average, deposition	one average deposition	François Lemay
2177	23	but code	but <u>the MACCS2</u> code	François Lemay
2178	13	accurately possible	accurately <u>as</u> possible	François Lemay
2178	22	and we have breaking	and breaking	François Lemay
2179	1	wrecking of tail light	wrecking <u>the</u> tail light	François Lemay
2180	1	accident, completely	accident, <u>it</u> completely	François Lemay
2180	9	look how	looked <u>at</u> how	François Lemay
2181	6-9	It is the time required for decontamination and in the way MACCS works. At the end of this average decontamination period, people are allowed back into their homes.	It is the time required for decontamination. <u>And is</u> the way MACCS works, <u>at</u> the end of this average decontamination period, people are allowed back into their homes.	François Lemay
2181	11	contamination	decontamination	François Lemay
2181	12	in	to	François Lemay
2181	12-13	And I think we all agree and the NRC Staff and I	And I think we all agree, <u>Entergy</u> and the NRC Staff and I	François Lemay
2184	10	one	one <u>s</u>	François Lemay
2184	24	is	are	François Lemay
2184	24	early high	EARLY HIGH	François Lemay
2184	25	early medium...late high	EARLY MEDIUM ... LATE HIGH	François Lemay
2187	11	CD	<u>CDNFRM</u>	Judge Wardwell
2192	15	works, doesn't	works, <u>it</u> doesn't	François Lemay
2194	9	early high	EARLY HIGH	François Lemay
2196	15-16	early high	EARLY HIGH	François Lemay

Page	Line	Now Reads	Should Read	Witness/Speaker
2196	18	early high	EARLY HIGH	François Lemay
2196	19	early medium	EARLY MEDIUM	François Lemay
2196	19	late high	LATE HIGH	François Lemay
2213	13	we	ISR	François Lemay
2218	18	Laurie	Lori	Lori Potts
2222	25	review	reveal	Tina Ghosh
2223	13	Any one SAMA is only to act on particular accident	Any one SAMA is only <u>able</u> to act on particular accident	Tina Ghosh
2224	4	their	them are	Tina Ghosh
2224	5	class	cost	Tina Ghosh
2224	8	particularly	typically	Tina Ghosh
2225	1	were	we're	Tina Ghosh
2229	5	Laurie	Lori	Lori Potts
2229	6-7	for ever SAMA	for <u>every</u> SAMA	Lori Potts
2231	9	95	95th	Tina Ghosh
2231	19	as	is	Tina Ghosh
2232	3	could	would	Tina Ghosh
2232	21	boon	cushion	Tina Ghosh
2236	2	dominate	dominant	Tina Ghosh
2241	8	FERC	Burke	Grant Teagarden
2244	12	after the first sentence, decontamination cost	after the first sentence, " <u>The</u> decontamination cost	Kevin O'Kula
2242	14	FERC	Burke	Grant Teagarden
2244	17	average statistics.	average statistics."	Kevin O'Kula

Page	Line	Now Reads	Should Read	Witness/Speaker
2244	19	The methods to be employed	“The methods to be employed	Kevin O’Kula
2244	21	decontamination techniques.	decontamination techniques.”	Kevin O’Kula
2253	15	aren’t	are	Joseph Jones
2256	1	Terrell	Tawil	François Lemay
2256	22	that NUREG, the NRC	that the NRC	François Lemay
2259	12	we have very few.	we have very <u>little information</u> .	François Lemay
2259	22	Terrell	Tawil	François Lemay
2261	19	decon	DECON	Kevin O’Kula
2261	20	accessed with by Burke	<u>assessed by</u> Burke	Kevin O’Kula
2262	12	the late 70’s early 80’s.	the late 70’s <u>to</u> early 80’s.	Kevin O’Kula
2262	14	decon	DECON	Kevin O’Kula
2262	15	of that accountability code	of that accountability code	Kevin O’Kula
2263	13	Terrell	Tawil	François Lemay
2264	17	area	<u>areas</u>	François Lemay
2264	24	work	<u>works</u>	François Lemay
2265	3	it comes in in a	it comes <u>out</u> in <u>the</u>	François Lemay
2268	4	those histogram	<u>the</u> histogram	François Lemay
2268	8	tend	<u>tends</u>	François Lemay
2268	24	DEC	TIMDEC	François Lemay
2269	3	10 DEC	TIMDEC	Judge Wardwell
2269	9-10	to different	to <u>use</u> different	François Lemay
2272	19	these N/A values	these <u>input</u> values	Judge Wardwell
2276	6	DR. BIXLER	DR. LEMAY	François Lemay

Page	Line	Now Reads	Should Read	Witness/Speaker
2281	25	is	are	François Lemay
2282	1	get collective	get <u>a</u> collective	François Lemay
2285	22	dealt with with the NRC.	dealt with with <u>within</u> the NRC.	Tina Ghosh
2290	25	a lot more normally	lognormally	Tina Ghosh
2293	9	lot of normal	lognormal	Tina Ghosh
2293	18	ma	may	Tina Ghosh
2300	22	per acre basis	per <u>hectare</u> basis	Grant Teagarden
2309	21	made, the	made <u>in</u> the	François Lemay
2309	23	transit or things that are outside.	transit <u>of</u> things that are outside <u>the</u> <u>50-mile radius</u> .	François Lemay
2310	11	dd	add	Nathan Bixler
2355	7	should have bee	should have <u>been</u>	Martha Stolley
2357	8	some outside surfaces	some surfaces	François Lemay
2357	19	having documented	having <u>a</u> documented	François Lemay
2360	10	sometime	sometimes <u>s</u>	François Lemay
2360	11	sometime	sometimes <u>s</u>	François Lemay
2361	1	sometime	sometimes <u>s</u>	François Lemay
2361	2	sometime	sometimes <u>s</u>	François Lemay
2361	3	in urban area	in <u>an</u> urban area	François Lemay
2361	8	value	values <u>s</u>	François Lemay
2365	18	I asked "more normalized value"	Dr. O'Kula referred to "more normalized value"	Kathryn Liberatore
2367	6	code in fact	CONDO code	Kevin O'Kula
2367	7	but	so	Kevin O'Kula

Page	Line	Now Reads	Should Read	Witness/Speaker
2369	3-7	<i>These lines should be attributed to Martha Stolley, not Kevin O’Kula</i>	N/A	
2372	20	supplied	applied	Kevin O’Kula
2372	22	identified on the parts	identified <u>for the two plants</u>	Kevin O’Kula
2372	23	of two public – two lightwater reactors	of two public – two light water reactors	Kevin O’Kula
2377	4	multiple floor in the building	multiple <u>floor</u> s in the <u>building</u> s	François Lemay

Proceeding Name: Entergy Nuclear Operations, Inc. (Indian Point Generating Units 2 and 3)

Docket Nos.: 50-247-LR and 50-286-LR

ASLBP No.: 07-858-03-LR-BD01

Contention: NYS-16B

Hearing Date(s): October 22, 2012

ACCEPTED CORRECTIONS:

Page	Line	Now Reads	Should Read	Witness/Speaker
2391	14		SUSAN TAYLOR, ESQ.	None (missing from attorney list for October 22)
2393	8	Robert Aleksick Raphael Kuyler	[delete]	None (should not be on witness list for October 22)
2393	9	Nelson Azevedo Ronald J. Tenpas	[delete]	None (should not be on witness list for October 22)
2393	10	Jonathan M. Rund	[delete]	None (should not be on witness list for October 22)
2393	12	Alan Cox	[delete]	None (should not be on witness list for October 22)
2393	13	Dr. Allen Hiser	[delete]	None (should not be on witness list for October 22)
2393	14	Donald Harrison	[delete]	None (should not be on witness list for October 22)
2393	15	Dr. Joram Hopfeld	[delete]	None (should not be on witness list for October 22)

Page	Line	Now Reads	Should Read	Witness/Speaker
				for October 22)
2393	16	Jeffrey Horowitz	[delete]	None (should not be on witness list for October 22)
2393	18	Dr. Francois J. Lemay	[delete]	None (should not be on witness list for October 22)
2393	19	Ian D. Mew	[delete]	None (should not be on witness list for October 22)
2393	23	Kathryn Sutton	[delete]	None (should not be on witness list for October 22)
2393	25	Matthew Yoder	[delete]	None (should not be on witness list for October 22)
2401	10	Document 900422	Document <u>9422</u>	Judge McDade
2405	10	consumer	commuter	Judge McDade
2405	11	fraud	flawed	Judge McDade
2405	19	the variance material of consequence	is there a material consequence	Judge McDade
2407	25	You can't submit it?	You can start with it?	Judge McDade
2408	1	Can't submit it, yes.	Can start with it, yes.	Stephen Sheppard
2408	3	Dr. Tall	[delete]	Judge McDade
2410	10	put	point	Judge McDade
2412	6-7	undertake even though	undertake to not be counted even though	Stephen Sheppard
2413	7	conceitedly	concededly	Judge McDade

Page	Line	Now Reads	Should Read	Witness/Speaker
2414	18	difference	different	Stephen Sheppard
2415	18	that	[delete]	Stephen Sheppard
2415	25	addressed	addresses	Stephen Sheppard
2416	14	addressed	addresses	Stephen Sheppard
2418	6 - 7	that was sent	percent	Joseph Jones
2418	7	in of considerable amount that	in considerable amount and	Joseph Jones
2418	12	conceive	concede	Judge McDade
2420	5	distinction	distinct	Judge McDade
2421	18-19	So the zero percent	So <u>there is</u> zero percent	Jerry Riggs
2430	8-9	the states provide at the county level	the states provide <u>this data</u> at the county level	Jerry Riggs
2430	17-18	which they all have 2000 and we have to convert	which they all have, 2000, <u>then</u> we have to convert	Jerry Riggs
2431	1	from the projection information	<u>using</u> the projection information	Jerry Riggs
2432	6	align	a line	Jerry Riggs
2432-2433	25-1	provided to try to make a smooth fit of line on top of those datapoints using math.	provided. <u>To</u> try to make a smooth fit of line on top of those data points <u>we use</u> math.	Jerry Riggs
2442	1	we're taking the 2035 and	we're taking the 2035 <u>value</u> and	Jerry Riggs
2443	7	using the MACCS2 model	are used in the MACCS2 model	Stephen Sheppard
2445	17-18	based on the four small elements	based on the four small elements	Jerry Riggs
2447	2	And then in the final outcome	And then <u>with</u> the final outcome	Jerry Riggs
2449	11-15	But they underscore a slightly alternative version of exactly my concern. Although the growth rates themselves weren't the central focus of my evaluation and	But they underscore a slightly alternative version of exactly my concern, although the growth rates themselves weren't the central focus of my evaluation and proposed	Stephen Sheppard

Page	Line	Now Reads	Should Read	Witness/Speaker
		proposed revisions of the population estimates.	revisions of the population estimates.	
2449	25	estimates be	estimates should be	Stephen Sheppard
2452	12	If the actual growth of – If this change	This change	Stephen Sheppard
2453	14-15	higher rates	higher birth rates	Stephen Sheppard
2453	22-25	Really if you wanted to make sure of the 2010 census data, the proper approach, I understand that time doesn't always permit that. But the proper approach would be to redo the county level forecasts	Really if you wanted to make use of the 2010 census data, the proper approach -- I understand that time doesn't always permit that -- but the proper approach would be to redo the county level forecasts	Stephen Sheppard
2455	22	Oconee	county	Nathan Bixler
2455	25	Oconee	a county	Nathan Bixler
2456	1	Oconee	county	Nathan Bixler
2458	7	Oconee	county	Nathan Bixler
2459	24	up	us	Judge Wardwell
2461	1	us	use	Judge Wardwell
2462	7	Teagarten	Teagarden	Tina Ghosh
2464	15	weight	weighting	Jerry Riggs
2466	20	resident	residence	Joseph Jones
2472	6	them, so if you -- if I might refer to the discussion	them. If I might refer to the discussion	Stephen Sheppard
2474	24	commuting in will both be present within.	commuting in, will both be present within the 50-mile zone.	Stephen Sheppard
2477	5	people who reside outside and	people who reside outside of the zone and	Stephen Sheppard

Page	Line	Now Reads	Should Read	Witness/Speaker
2482	24	such a such location	such and such a location	Stephen Sheppard
2497	14-16	The SAMA analysis doesn't know who is a commuter and who is a business traveler and who is a permanent <u>resident if they're all permanent residents.</u>	The SAMA analysis doesn't know who is a commuter and who is a business traveler and who is a permanent <u>resident. It treats them as if they're all permanent residents.</u>	Lori Potts
2509	12	MR. JONES	JUDGE KENNEDY	Judge Kennedy
2510	24	50	40	Tina Ghosh
2518	10	essentially	potentially	Grant Teagarden
2523	24	or the three county populations that were	or the two other county populations that were	Stephen Sheppard
2523	25	alleged to have -- that will peak	alleged to peak, will peak.	Stephen Sheppard
2531	12	researches	researchers	Stephen Sheppard

Proceeding Name: Entergy Nuclear Operations, Inc. (Indian Point Generating Units 2 and 3)

Docket Nos.: 50-247-LR and 50-286-LR

ASLBP No.: 07-858-03-LR-BD01

Contention: NYS-17B

Hearing Date(s): October 22, 2012

ACCEPTED CORRECTIONS:

Page	Line	Now Reads	Should Read	Witness/Speaker
2550	6	vacant lot.	vacant lot."	Ronald Tenpas
2550	14	home."	home.	Ronald Tenpas
2556	19	as I understand as a disamenity	as I understand a disamenity	Stephen Sheppard
2559	17	clear	clearer	Stephen Sheppard
2559	24,25	the p--	the - -	Stephen Sheppard
2563	12	and end	an end	Stephen Sheppard
2566	5	that is	that is,	Stephen Sheppard
2567	20,21	date s I can --	date - - so I can - -	Stephen Sheppard
2568	16	so if you're getting -- a	a	Stephen Sheppard
2568	25	institution.	institution?	Stephen Sheppard
2570	13	40 or something of observations	40 or something observations	Stephen Sheppard
2571	11	that that	that, that	Stephen Sheppard
2573	8	done	gone	Judge Wardwell
2573	22	not indirectly	not directly	Stephen Sheppard
2575	10	transactions	transaction	Stephen Sheppard
2580	20,21	date p - - a purchase date and a sales date, the	date - - a purchase date and a sales date - - the	Stephen Sheppard
2581	9,10	so if it was p - - it could	so if it - - it could	Stephen Sheppard

Page	Line	Now Reads	Should Read	Witness/Speaker
2585	21	I estimate, my estimate	My estimate	Stephen Sheppard
2587	22	mistake in	mistaken	George Tolley
2589	20	exclaim	explain	George Tolley
2590	19	coefficient on distance	coefficient <u>of</u> distance	George Tolley
2592	20	reliability. You	reliability. <u>If</u> you	George Tolley
2592	22	that terms.	those terms.	George Tolley
2592	25	hedonic	hedonics	George Tolley
2593	10	planned	property	George Tolley
2593	11, 12	expected p - - if you	expected - - if you	George Tolley
2593	21	plus c, plus a	plus c, <u>that is</u> , plus a	George Tolley
2594	2	affect	effect	George Tolley
2596	12	to a statistician	to <u>statistics</u>	George Tolley
2598	4	and then	Entergy	William Reamer
2598	7	330	3_30	William Reamer
2599	10	multiple list	multiple <u>listing service</u>	George Tolley
2600	13	if were	if we were	Stephen Sheppard
2600	16,17	would increasing	would be increasing	Stephen Sheppard
2601	6	And even	And Dr. Tolley even	Stephen Sheppard
2601	14	measure it according as	measure it according to	Stephen Sheppard
2601	24	explore	explores	Stephen Sheppard
2608	1	margin of	marginal	George Tolley
2609	12	functional form.	functional forms <u>.</u>	George Tolley
2609	13	affect	effect	George Tolley

Page	Line	Now Reads	Should Read	Witness/Speaker
2610	1	very fraction,	very <u>tiny</u> fraction,	George Tolley
2610	5	Dr. Sheppard,	Dr. Sheppard <u>states</u> ,	George Tolley
2610	7	that what it	that <u>is</u> what it	George Tolley
2613	18,19	p --	--	Stephen Sheppard
2613	21	be property values	be on property values	Stephen Sheppard
2621	6	range as those other hedonic estimates that impact	range as other hedonic estimates of the impact	Stephen Sheppard
2621	16	staff (sic)	Applicant	William Reamer
2623	11	staff (sic)	Applicant	William Reamer
2624	19	assume	be assumed	William Reamer
2624	21	-- now that	for	William Reamer
2627	1	of the impact of	the impact of	Stephen Sheppard
2629	16	repeat cells estimators	repeat <u>sales</u> estimators	George Tolley
2629	24	about 1.7, \$1.07 billion,	about 1.7 , \$1.07 billion,	George Tolley
2631	23	power	PILOT	George Tolley
2633	1	amenity	disamenity	George Tolley
2635	25	if	is,	William Reamer
2641	3	about there may - - there	about there - - - there	Stephen Sheppard
2641	20	This is saying before	This is, <u>as I was</u> saying before	George Tolley
2641	23	Allison and Metz (ph) and people probably about 1980	<u>Oates</u> and people probably about <u>1970</u>	George Tolley
2642	1	owners in the – where	owners in the — where	George Tolley
2645	8	Press	Prest	Stephen Sheppard
2648	5	is this distance.	is this distance.	George Tolley

Page	Line	Now Reads	Should Read	Witness/Speaker
2648	7	includes this in his	includes this -in his	George Tolley
2648	20	I find one	I <u>buy</u> one	George Tolley
2656	23	staff	applicant	William Reamer
2656	4	the action, no action	the no action	George Tolley
2656	23	staff	applicant	William Reamer
2658	18	Blomquist estimate of	Blomquist estimate <u>or</u>	George Tolley
2673	22	Energy	Entergy	Susan Taylor
2682	13	of measuring, of characterizing proximity	of measuring, of characterizing, proximity	Stephen Sheppard
2682	15	proposed or to be tested	proposed, or to-be-tested,	Stephen Sheppard
2683	13	Distsquareptilde T.	distsquare ~ t.	Stephen Sheppard
2684	17	does is do	does, is do	Stephen Sheppard
2689	8,9	¶ [paragraph break]	no break, keep lines together	Stephen Sheppard
2689	13	treatment group. The	treatment group. ¶ [paragraph break] The	Stephen Sheppard
2691	19	all together,	altogether,	Stephen Sheppard
2708	2	is 2011 107	his 2011 1.07	George Tolley
2708	7	Bomquist-based	Blomquist-based	Ronald Tenpas
2709	12	hat	that	William Reamer
2710	9	done it on	done on	George Tolley

Proceeding Name: Entergy Nuclear Operations, Inc. (Indian Point Generating Units 2 and 3)

Docket Nos.: 50-247-LR and 50-286-LR

ASLBP No.: 07-858-03-LR-BD01

Contention: CW-EC-3A

Hearing Date(s): October 23, 2012

ACCEPTED CORRECTIONS:

Page	Line	Now Reads	Should Read	Witness
2727	5	Robert M. Aleksick Nelson Azevedo	[delete]	None (should not be on witness list for October 23)
2727	6	Dr. Allen Hiser Dr. Nathan Bixler	[delete]	None (should not be on witness list for October 23)
2727	7	Dr. Kevin O'Kula	[delete]	None (should not be on witness list for October 23)
2727	8	Patricial Milligan	Patricia Milligan	None
2727	10	Alan Cox	[delete]	None (should not be on witness list for October 23)
2727	13	Donald Harrison	[delete]	None (should not be on witness list for October 23)
2727	17	Grant Teagarden	[delete]	None (should not be on witness list for October 23)
2727	18	Dr. Jeffrey Horowitz	[delete]	None (should not be on witness list for October 23)
2727	19	Ian D. Mew	[delete]	None (should not be on witness list for October 23)

Page	Line	Now Reads	Should Read	Witness
				for October 23)
2727	20	Dr. Joram Hopenfeld	[delete]	None (should not be on witness list for October 23)
2727	21	Joseph Jones	[delete]	None (should not be on witness list for October 23)
2727	24	Dr. Francois J. Lemay	[delete]	None (should not be on witness list for October 23)
2727	25	Lori Potts	[delete]	None (should not be on witness list for October 23)
2727	N/A		Add Michael Slobodien to the witness list	None
2753	25	in the sites	at the site	Jeffrey Rikhoff
2736	8	page 4-55, 117, line 19	page 4-53, line 19	Judge McDade
2736	10	“Socioeconomic connotations”	“Socioeconomic conditions”	Judge McDade
2761	1	self-evacuated	self-evacuate	Patricia Milligan
2764	7	evacuation	evacuate	Patricia Milligan
2767	9	evaluated	evacuated	Patricia Milligan
2773	25	to	at	Jeffrey Rikhoff
2782	9	clarify	clarifies	Patricia Milligan
2782	18	for	from	Patricia Milligan
2790	21	which is I believe that the approach that’s used now,	which is, I believe, that the approach that’s used now,	Dr. Edelstein
2791	10-11	that my colleagues here have, are prepared to discuss, we <u>have</u>	that my colleagues here have <u>and</u> are prepared to discuss, we	Dr. Edelstein

Page	Line	Now Reads	Should Read	Witness
		issues	<u>identified</u> issues	
2792	4-5	Well yes. I mean I believe that	Well, <u>yes</u> . I mean, <u>I</u> believe, <u>that</u>	Dr. Edelstein
2792	7-8	Would certainly not <u>be</u> missing something so obvious	Would, <u>certainly</u> , not <u>be</u> missing something so obvious	Dr. Edelstein
2792	21	is that correct, Dr. Edelson?	is that correct, Dr. Edelstein?	Judge McDade
2795	10	could leave the area and evacuate, but (...)	could leave the area and evacuate, <u>But</u> (...)	Dr. Edelstein
2799	21-22	That decision apparently <u>is</u> , as far as I can understand it, would	That decision apparently, as far as I can understand it, would	Dr. Edelstein
2801	23	is the first step I would recommend	is the first step, <u>I</u> would recommend	Dr. Edelstein
2802	16-17	we realize that the ability <u>of</u> <u>to</u> mitigate impacts	we realize that the ability <u>to</u> mitigate impacts	Dr. Edelstein
2803	18	clemency from Governor Pataki <u>in</u>	executive clemency from Governor Pataki, <u>in</u>	Mr. Papa
2804	16	<u>There's</u> , at that point, the survival	At that point, the survival	Mr. Papa
2804	21	only for prisoners but for <u>also</u> <u>guards</u>	only for prisoners but for <u>guards</u> <u>also</u>	Mr. Papa
2805	5	<u>This is</u> very old buildings, the	<u>These are</u> very old buildings, the	Mr. Papa
2805	10	Okay. <u>Dr. Edelson</u>	Okay. <u>Dr. Edelstein</u>	Judge McDade
2806	12	Just people would	Just <u>that</u> people would	Mr. Papa
2807	6	comes in terms of an environmental	comes, <u>in</u> terms of an environmental	Dr. Larsen
2807	8	in New Orleans, <u>in</u> which	in New Orleans, which	Dr. Larsen
2807	14	Essentially when	Essentially, <u>when</u>	Dr. Larsen
2808	1	The problem is <u>is</u>	The problem <u>is</u>	Dr. Larsen
2808	8-9	However, the problem is <u>is</u> that if	However, the problem <u>is</u> that if you	Dr. Larsen

Page	Line	Now Reads	Should Read	Witness
		you don't -- a lot of things	don't -- <u>there are</u> a lot of things	
2810	6	that basically we <u>hd</u>	that, basically, we <u>had</u>	Dr. Larsen
2810	20	and you know my responsibility	and you know, my responsibility	Dr. Larsen
2812	12	big worries, just based	big worries <u>is</u> just based	Dr. Larsen
2815	24	kinds of situation have be set up	kinds of situation have <u>to</u> be set up	Dr. Larsen
2816	24	and spoke <u>a</u> training	and spoken <u>at</u> training	Mr. Mair
2819	6	<u>What</u> they found	They found	Mr. Mair
2820	22	work on	worked <u>on</u>	Mr. Mair
2821	11	<u>so that</u> making sure	making sure	Mr. Mair
2824	9	<u>education</u> them	educate them	Mr. Mair
2825	7	in this <u>instant</u>	in this <u>instance</u>	Mr. Mair
2832	23-24	So <u>you would</u> basically <u>that the</u> public transportation, as it is	So basically, public transportation, as it is	Mr. Mair
2833	10	cars are commuting	cars <u>they</u> are commuting	Mr. Mair
2833	19-20	So of those <u>work</u> vehicles (...) model vehicles. <u>Many</u>	So of those <u>working</u> vehicles (...) model vehicles, <u>many</u>	Mr. Mair
2836	11	they had <u>did</u> with	they had <u>done</u> with	Mr. Mair
2836	19	<u>nothing's</u> disastrous	<u>nothing</u> disastrous	Mr. Mair
2837	13-14	The answer is <u>is</u> that	The answer is that	Mr. Mair
2837	18-19	<u>It</u> think that	<u>I</u> think that	Mr. Mair
2837	24	civil defense type of, as	civil defense type of <u>building</u> , as	Mr. Mair
2838	16-17	to, as they say, <u>to</u> carry on	to, as they say, carry on	Mr. Mair
2848	20	We have people let's say who	We have people, <u>let's say,</u> who	Mr. Simms
2849	7	<u>With</u> medication	<u>The</u> medication	Mr. Simms

Page	Line	Now Reads	Should Read	Witness
2850	17	certain <u>of the</u> residents	certain residents	Mr. Simms
2851	14	how many <u>of any</u> of the staff	how many of the staff	Mr. Simms
2853	1	system that <u>is</u> available	system that <u>are</u> available	Dr. Kanter
2854	4	testimony demonstrated <u>was</u> that	testimony demonstrated that	Dr. Kanter
2855	11	that the -- <u>that</u> was stated by I think Entergy	that was stated by, I think, Entergy	Dr. Kanter
2857	2-3	that <u>that</u> means that there is not __ potential	that means that there is not potential	Dr. Kanter
2857	16-18	And what I said there was <u>there was</u> a disparate impact <u>was</u> implicit in	And what I said there was that <u>there is</u> a disparate impact implicit in	Mr. Filler
2858	5	<u>accounting</u> for how you would __ with	<u>account</u> for how you would deal with	Mr. Filler
2858	9	an <u>accounting</u> for how you're	an <u>account</u> for how you're	Mr. Filler
2862	11	disproportionate health <u>benefit</u>	disproportionate health <u>burden</u>	Mr. Mair
2863	11	populations dependency	population's dependency	Mr. Mair
2872	18	can	had	Sherwin Turk
2902	6-8	what the deal is. And the census data itself, what we've got is	what the deal is <u>and</u> the census data itself. <u>What</u> we've got is	Jerry Riggs
2905	3-5	in t this is it's a subdivision of block -- of group quarters.	in ‡ this is it's a subdivision of block group data.	Jerry Riggs

Proceeding Name: Entergy Nuclear Operations, Inc. (Indian Point Generating Units 2 and 3)

Docket Nos.: 50-247-LR and 50-286-LR

ASLBP No.: 07-858-03-LR-BD01

Contention: NYS-37

Hearing Date(s): October 24, 2012

ACCEPTED CORRECTIONS:

Page	Line	Now Reads	Should Read	Witness
2936	10	relative	relevant	Judge McDade
2941	1	outs	outputs	David Schlissel
2946	2	access	excess	David Schlissel
2947	10	effected	affected	David Schlissel
2951	5	produce	reduce	David Schlissel
2952	19	new	nuclear	David Schlissel
2963	3	I think there are little over 2100 megawatts	I think there are little over <u>2100</u> megawatts	David Schlissel
2972	2	ultimates	alternatives	David Schlissel
2977	13	they	and	Andrew Stuyvenberg
2977	13	serve	served	Andrew Stuyvenberg
2978	2	So it's not necessarily as efficient as solely in terms	So it's not necessarily as efficient solely in terms	Andrew Stuyvenberg
2993	17	placement	replacement	Andrew Stuyvenberg
2988	7	being	been	Andrew Stuyvenberg
3000	3	the	by	Andrew

Page	Line	Now Reads	Should Read	Witness
				Stuyvenberg
3010	2-3	been New York State's specific determination	a New-York-State-specific determination	Andrew Stuyvenberg
3014	8	Or either the no-action alternative	For either the no-action alternative	Judge Wardwell
3016	6	STUYVENBERG:	SCHLISSEL:	
3016	9	STUYVENBERG:	SCHLISSEL:	
3016	23-24	the references to the model	the reference <u>is</u> to the model	David Harrison
3017	18	would be replace the generation	would be replace the generation	David Harrison
3019	1	is	has	David Schlissel
3019	5	weight	way	David Schlissel
3019	23-24	the potential very expensive environmental regulations	the potential <u>of</u> very expensive environmental regulations	David Harrison
3020	14	under baseline conditions,	under baseline conditions ₂	David Harrison
3020	15	the baseline conditions	<u>T</u> he baseline conditions	David Harrison
3020	19	the baseline conditions and then we re-ran it.	the baseline conditions ₂ . <u>A</u> nd then we re-ran it.	David Harrison
3025	9	editions	additions	David Harrison
3026	7	16.3 megawatt hours	16.3 <u>million</u> megawatt hours	David Harrison
3026	9-11	that reflects these various market conditions and that we think in terms of the analysis that was made that	that reflects these various market conditions ₂ . <u>A</u> nd we think ₂ in terms of the analysis that was made ₂ , that	David Harrison
3026	16-19	Well, we did look at what – we did the model generates changes in natural gas and coal, so the fossil fuel was a – in the model run that we did, the difference was	Well, we did look at <u>that</u> . <u>We did</u> . <u>T</u> he model generates changes in natural gas and coal. <u>S</u> o the fossil fuel change was a <u>mix</u> in the model run that we did. <u>T</u> he difference was	David Harrison

Page	Line	Now Reads	Should Read	Witness
3030	22-23	143 megawatt hours	143 <u>million</u> megawatt hours	Eugene Meehan
3030	23	2 megawatt hours	2 <u>million</u> megawatt hours	Eugene Meehan
3032	17	145 million megawatt hours	14 <u>1</u> million megawatt hours	Eugene Meehan
3032	24	160,000	160 million	Eugene Meehan
3033	2	2,000	2 million	Eugene Meehan
3039	4	this thing	eliminating	Andrew Stuyvenberg
3044	9-11	as a way to are	as a way to determine are	Andrew Stuyvenberg
3044	12	way	-	Andrew Stuyvenberg
3044	13	alternatives	alternatives'	Andrew Stuyvenberg
3046	22	820	8-20	Andrew Stuyvenberg
3047	25	822	8-22	Andrew Stuyvenberg
3049	17	if	its	Andrew Stuyvenberg
3050	7	there	they	Andrew Stuyvenberg
3057	25	<i>These lines should be attributed to Judge Wardwell, not David Schlissel</i>		Judge Wardwell
3059	2	apologize	apologies	Andrew Stuyvenberg
3082	3	this was just conceptual so you can see that the red	this was just conceptual. <u>So</u> you can see that the red	David Harrison

Page	Line	Now Reads	Should Read	Witness
3082	4	is negative in the change, so that is the effect of	is negative in the change. <u>So</u> that is the effect of	David Harrison
3082	16-17	we were looking not at – at Indian Point not being available	we were looking not at – at Indian Point not being available	David Harrison
3088	21	or the price elasticity of demand	<u>is</u> the price elasticity of demand	David Harrison
3095	8-10	And this actually – the reason that we needed the generation is then we used – and the modeling also generates estimates of	And this actually. <u>The</u> reason that we needed and the generation is then we used – and the modeling also generates – estimates of	David Harrison
3096	24	consequence	consequence of no action	Andrew Stuyvenberg
3100	6-7	This – by linear you mean it doesn't have a particular different slope	By linear you mean it doesn't have a particularly different slope	David Harrison
3101	3	this increasing marginal cost of as you	this increasing marginal cost of as you	David Harrison
3104	16	to	they	Andrew Stuyvenberg
3104	20	we present	represent	Andrew Stuyvenberg
3109	20	<i>These lines should be attributed to Andrew Stuyvenberg, not David Schlissel</i>		Andrew Stuyvenberg
3111	3	staff	Entergy	Eugene Meehan
3111	12-13	14 million	141 million	Eugene Meehan
3116	19	sheet rock for the Cricket Valley	SEQR for the Cricket Valley	Eugene Meehan
3116	20	I described	is described	Eugene Meehan
3121	11	Yes, no, and what we were emphasizing the importance	Yes, no. <u>What</u> we were emphasizing <u>is</u> the importance	David Harrison
3125	17	energy efficiency renewables	energy efficiency <u>and</u> renewables	David Harrison

Page	Line	Now Reads	Should Read	Witness
3128	4	16.3 megawatt hours	16.3 <u>million</u> megawatt hours	David Harrison
3128	4-5	That Entergy, that Entergy goes,	That <u>energy</u> , that <u>energy</u> goes,	David Harrison
3132	20	it	is	Andrew Stuyvenberg
3135	13	would	should	Andrew Stuyvenberg
3135	15	that	there	Andrew Stuyvenberg
3136	16-19	<i>These lines should be attributed to Beth Mizuno, not Andrew Stuyvenberg</i>		Beth Mizuno
3136	20-21	<i>These lines should be attributed to Andrew Stuyvenberg, not Beth Mizuno</i>		Andrew Stuyvenberg
3136	22-24	<i>These lines should be attributed to Beth Mizuno, not Andrew Stuyvenberg</i>		Beth Mizuno
3136	25	<i>These lines should be attributed to Andrew Stuyvenberg, not Beth Mizuno</i>		Andrew Stuyvenberg
3141	24, 25	a loan	alone	David Schlissel
3155	2	disposition's	dispositions	Andrew Stuyvenberg

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)
)
) Docket Nos. 50-247-LR
) and 50-286-LR
(Indian Point Nuclear Generating,)
Units 2 and 3))

CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing ORDER (Adopting Proposed Transcript Corrections with Minor Edits) have been served upon the following persons by Electronic Information Exchange.

U.S. Nuclear Regulatory Commission
Office of Commission Appellate Adjudication
Mail Stop O-7H4M
Washington, DC 20555-0001
ocaamail@nrc.gov

U.S. Nuclear Regulatory Commission
Office of the Secretary of the Commission
Mail Stop O-16C1
Washington, DC 20555-0001
hearingdocket@nrc.gov

U.S. Nuclear Regulatory Commission
Atomic Safety and Licensing Board Panel
Mail Stop T-3F23
Washington, DC 20555-0001

Lawrence G. McDade, Chair
Administrative Judge
lawrence.mcdade@nrc.gov

Richard E. Wardwell
Administrative Judge
richard.wardwell@nrc.gov

Michael F. Kennedy
Administrative Judge
michael.kennedy@nrc.gov

Anne Siarnacki, Law Clerk
Shelbie Lewman, Law Clerk
James Maltese, Law Clerk
Carter Thurman, Law Clerk
anne.siarnacki@nrc.gov
shelbie.lewman@nrc.gov
james.maltese@nrc.gov
carter.thurman@nrc.gov

Edward L. Williamson, Esq.
Beth N. Mizuno, Esq.
David E. Roth, Esq.
Sherwin E. Turk, Esq.
Brian Harris, Esq.
Mary B. Spencer, Esq.
Anita Ghosh, Esq.
Karl Farrar, Esq.
U.S. Nuclear Regulatory Commission
Office of the General Counsel
Mail Stop O-15D21
Washington, DC 20555-0001
sherwin.turk@nrc.gov;
edward.williamson@nrc.gov
beth.mizuno@nrc.gov; brian.harris@nrc.gov
david.roth@nrc.gov; mary.spencer@nrc.gov
anita.ghosh@nrc.gov; karl.farrar@nrc.gov

OGC Mail Center
OGCMailCenter@nrc.gov

William C. Dennis, Esq.
Assistant General Counsel
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601
wdennis@entergy.com

William B. Glew, Jr.
Organization: Entergy
440 Hamilton Avenue, White Plains, NY 10601
wglew@entergy.com

Docket Nos. 50-247-LR and 50-286-LR
ORDER (Adopting Proposed Transcript Corrections with Minor Edits)

Elise N. Zoli, Esq.
Goodwin Procter, LLP
Exchange Place, 53 State Street
Boston, MA 02109
ezoli@goodwinprocter.com

Thomas F. Wood, Esq.
Daniel Riesel, Esq.
Victoria Shiah Treanor, Esq.
Adam Stolorow, Esq.
Jwala Gandhi, Paralegal
Peng Deng, Paralegal
Counsel for Town of Cortlandt
Sive, Paget & Riesel, P.C.
460 Park Avenue
New York, NY 10022
driesel@sprlaw.com; vtreanor@sprlaw.com
astolorow@sprlaw.com; jgandhi@sprlaw.com
pdeng@sprlaw.com

Kathryn M. Sutton, Esq.
Paul M. Bessette, Esq.
Martin J. O'Neill, Esq.
Raphael Kuyler, Esq.
Jonathan M. Rund, Esq.
Lena Michelle Long, Esq.
Laura Swett, Esq.
Lance Escher, Esq.
Mary Freeze, Legal Secretary
Antoinette Walker, Legal Secretary
Morgan, Lewis & Bockius, LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004
ksutton@morganlewis.com
martin.oneill@morganlewis.com
rkuyler@morganlewis.com;
jrund@morganlewis.com
llong@morganlewis.com;
lswett@morganlewis.com
lescher@morganlewis.com
mfreeze@morganlewis.com
awalker@morganlewis.com

Phillip Musegaas, Esq.
Deborah Brancato, Esq.
Ramona Cearley, Secretary
Riverkeeper, Inc.
20 Secor Road
Ossining, NY 10562
phillip@riverkeeper.org;
dbrancato@riverkeeper.org
rcearley@riverkeeper.org

Melissa-Jean Rotini, Esq.
Assistant County Attorney
Office of Robert F. Meehan,
Westchester County Attorney
148 Martine Avenue, 6th Floor
White Plains, NY 10601
mjr1@westchestergov.com

Clint Carpenter, Esq.
Bobby Burchfield, Esq.
Matthew Leland, Esq.
McDermott, Will and Emery LLP
600 13th Street, NW
Washington, DC 20005
ccarpenter@mwe.com; bburchfield@mwe.com
mleland@mwe.com

Matthew W. Swinehart, Esq.
Covington & Burling LLP
1201 Pennsylvania Avenue, NW
Washington, DC 20004
mswinehart@cov.com

John Louis Parker, Esq.
Office of General Counsel, Region 3
New York State Department
of Environmental Conservation
21 South Putt Corners Road
New Paltz, NY 12561-1620
jlparker@gw.dec.state.ny.us

Edward F. McTiernan, Esq.
New York State Department
of Environmental Conservation
Office of General Counsel
625 Broadway
Albany, NY 12233-1500
efmctier@gw.dec.state.ny.us

Docket Nos. 50-247-LR and 50-286-LR
ORDER (Adopting Proposed Transcript Corrections with Minor Edits)

Manna Jo Greene, Environmental Director
Steven C. Filler
Karla Raimundi
Hudson River Sloop Clearwater, Inc.
724 Wolcott Ave.
Beacon, NY 12508
mannajo@clearwater.org;
stephenfiller@gmail.com
karla@clearwater.org

Richard Webster, Esq.
Public Justice, P.C.
For Hudson River Sloop Clearwater, Inc.
1825 K Street, NW, Suite 200
Washington, D.C. 20006
webster@publicjustice.net

Michael J. Delaney, Esq.
Director, Energy Regulatory Affairs
NYC Department of Environmental Protection
59-17 Junction Boulevard
Flushing, NY 11373
mdelaney@dep.nyc.gov

John J. Sipos, Esq.
Charles Donaldson, Esq.
Assistant Attorneys General
Office of the Attorney General
of the State of New York
Elyse Houle, Legal Support
The Capitol, State Street
Albany, New York 12224
john.sipos@ag.ny.gov
charlie.donaldson@ag.ny.gov
elyse.houle@ag.ny.gov

Robert D. Snook, Esq.
Assistant Attorney General
Office of the Attorney General
State of Connecticut
55 Elm Street
P.O. Box 120
Hartford, CT 06141-0120
robert.snook@po.state.ct.us

Janice A. Dean, Esq.
Assistant Attorney General
Kathryn Liberatore, Esq.
Office of the Attorney General
of the State of New York
120 Broadway, 26th Floor
New York, New York 10271
janice.dean@ag.ny.gov
kathryn.liberatore@ag.ny.gov

Sean Murray, Mayor
Kevin Hay, Village Administrator
Village of Buchanan
Municipal Building
236 Tate Avenue
Buchanan, NY 10511-1298
smurray@villageofbuchanan.com
administrator@villageofbuchanan.com

[Original signed by Brian Newell]
Office of the Secretary of the Commission

Dated at Rockville, Maryland
this 27th day of December 2012