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April 1, 2011

Robert V. Eye, Esq.
Kauffman & Eye
112 SW 6th Ave., Suite 202
Topeka, KS 66603

Michael Spencer, Esq.
Office of the General Counsel
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

RE: Eighteenth Update to Disclosures Pursuant to 10 C.F.R. § 2.336; *Nuclear Innovation North America LLC* (South Texas Project Units 3 and 4), Docket Nos. 52-012 and 52-013

Pursuant to 10 C.F.R. § 2.336, the agreement among the parties dated September 10, 2009, and the Initial Scheduling Order dated October 20, 2009, Nuclear Innovation North America LLC (NINA) is providing the eighteenth update to its disclosures with respect to Intervenor's Contention CL-2, as restated and admitted by the Atomic Safety and Licensing Board (Board) on July 2, 2010 (LBP-10-14), and newly-admitted Contention DEIS-1-G, as admitted by the Board on February 28, 2011 (LBP-11-07).

NINA's disclosures consist of the following:

- Enclosure 1 provides the names, addresses, and telephone numbers of the persons upon whose opinion NINA will base its positions on the contentions and upon whom NINA may rely as a witness, and a copy of the analyses and authorities upon which they base their opinions.
- Enclosure 2 provides a description, by category and location, of all relevant non-privileged documents, data compilations, and tangible things in the possession, custody, or control of NINA that are relevant to the admitted contentions in this proceeding. If you determine that you would like a copy of any of these documents, please inform me of which documents you would like and I will provide a copy to you.

Mr. Robert V. Eye, et al.

April 1, 2011

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- Enclosure 3 provides an index of any documents, data compilations, or tangible things in the possession, custody, or control of NINA that may be relevant to the contention but contain proprietary-related or otherwise protected information. Upon request by the NRC Staff, NINA will provide a copy using the procedure in 10 C.F.R. § 2.390. If the Intervenor desire a copy, NINA will work with the Intervenor to develop a mutually acceptable proposed amendment to the Protective Order for issuance by the Board. NINA will provide any requested proprietary documents to the Intervenor after the Board has entered an amended Protective Order.
- Enclosure 4 provides an index of relevant documents that are otherwise publicly available.

In order to compile Enclosures 2, 3, and 4, NINA made a reasonable good faith search of its records since the previous disclosures filed on March 1, 2011. The attached affidavit attests that all relevant materials identified by this search have been disclosed, and that the disclosures are accurate and complete as of March 15, 2011. Additions to the logs since the last disclosures are highlighted.

In the event that NINA identifies additional relevant documents or the witnesses for any hearing on the contentions, NINA will update these disclosures on the 1st day of each month (subject to 10 C.F.R. § 2.306(a)), as required by 10 C.F.R. § 2.336(d), the agreement among the parties dated September 10, 2009, and the Initial Scheduling Order dated October 20, 2009.

NINA has been conservative in identifying documents for inclusion in Enclosures 2, 3, and 4. By identifying documents on those Enclosures, NINA does not necessarily concede that the documents are in fact relevant or material to the admitted contention.

Sincerely,

Signed (electronically) by Stephen J. Burdick

Stephen J. Burdick

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Counsel for Nuclear Innovation North America LLC

Enclosures

cc: Service List

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

April 1, 2011

1. My name is Scott Head. My title is Manager, Regulatory Affairs for South Texas Project, Units 3 & 4. Working with the attorneys for Nuclear Innovation North America LLC (NINA), I have been responsible for managing the searches, collection, and compilation of documents, data compilations, and tangible things to comply with the mandatory disclosure requirements in 10 C.F.R. § 2.336.
2. This Affidavit relates to the disclosures that NINA is providing on April 1, 2011 in the above-captioned proceeding pursuant to 10 C.F.R. § 2.336, the parties' joint agreement on mandatory disclosures, dated September 10, 2009, and the Initial Scheduling Order, dated October 20, 2009.
3. A reasonable good faith search was conducted of documents, data compilations, and tangible things in the possession, custody, or control of NINA for the types of information specified in 10 C.F.R. § 2.336(a). As provided in 10 C.F.R. § 2.336(c), this search was conducted based on information and documents reasonably available to NINA:
 - a. The searches encompassed both electronic and paper documents.

- b. The searches encompassed both South Texas Project (STP) Units 3 and 4 project-related files and documents in the possession and control of employees who have worked on the STP Units 3 and 4 project.
 - c. The searches also encompassed documents, data compilations, and tangible things in the possession and control of the vendors and contractors who have supported the NINA combined license application to the extent that NINA has rights to these documents, data compilations, and tangible things.
 - d. Searches did not encompass documents in the possession of individuals who did not work on the STP Units 3 and 4 project or files unrelated to the STP Units 3 and 4 project.
- 4. Enclosure 2 provides the index of relevant non-privileged, non-protected documents, data compilations, and tangible things that were located as a result of this search.
 - 5. Enclosure 3 provides the index of relevant documents, data compilations, and tangible things containing proprietary-related or otherwise protected information.
 - 6. Enclosure 4 provides the index of relevant documents, data compilations, and tangible things that are publicly available.
 - 7. NINA has been conservative in identifying documents for inclusion in Enclosures 2, 3, and 4. By identifying documents on those Enclosures, I do not necessarily concede that the documents are in fact relevant or material to the admitted contention.
 - 8. These disclosures are accurate and complete as of March 15, 2011.

The statements made above are true to the best of my knowledge, information, and belief.

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Accord with 10 C.F.R. § 2.304(d)

Scott M. Head

Manager, Regulatory Affairs

South Texas Project, Units 3 & 4

4000 Avenue F – Suite A

Bay City, TX 77414

Phone: 361-972-7136

Fax: 361-972-8298

E-mail: smhead@stpegs.com

Executed this 1st day of April 2011

ENCLOSURE 1

NINA WITNESSES

The name and, if known, the address and telephone number of any person, including any expert, upon whose opinion the party bases its claims and contentions and may rely upon as a witness:

Jeffrey L. Zimmerly
Tetra Tech NUS, Inc.
Aiken Office
900 Trail Ridge Rd.
Aiken, SC 29803
Phone: 803-641-4938

Adrian Pieniazek
NRG Texas LLC
1005 Congress Ave., Suite 360
Austin, TX 78701
Phone: 512-473-8895

A copy of the analysis or other authority upon which that person bases his or her opinion:

Response: Contention CL-2

NINA currently bases its position on the September 14, 2010 “Joint Affidavit of Jeffrey L. Zimmerly and Adrian Pieniazek.”

Response: Contention DEIS-1-G

NINA currently bases its position upon Chapter 8 of the Final Environmental Impact Statement for STP Units 3 and 4 and Chapter 8 of the Environmental Report for STP Units 3 and 4.

NINA will update this disclosure when it has identified the persons that it may use as witnesses and the analyses and authorities upon which they base their opinions.

ENCLOSURE 2**Mandatory Disclosure Log**

DOC #	DATE	LOCATION*	AUTHOR OR CUSTODIAN	TO	SUBJECT/DESCRIPTION	CONTENTION
1 - 14	DELETED PER LBP-10-14 (DISMISSING CONTENTIONS 8, 9, 14, 16, AND 21)					
15	MOVED TO ENCLOSURE 4					
16 - 145	DELETED PER LBP-10-14 (DISMISSING CONTENTIONS 8, 9, 14, 16, AND 21)					
146	10/19/2009	Morgan, Lewis & Bockius	Tetra Tech	N/A	Calculation of Impacts at Collocated Units from an Initiating Accident at a Site Unit	CL-2
147 - 172	DELETED PER LBP-10-14 (DISMISSING CONTENTIONS 8, 9, 14, 16, AND 21)					
173	09/14/2010	Morgan, Lewis & Bockius	A. Pieniazek	N/A	Unit Dispatch Base Case	CL-2
174	09/14/2010	Morgan, Lewis & Bockius	A. Pieniazek	N/A	Calculations to Support Joint Affidavit	CL-2
175	09/14/2010	Morgan, Lewis & Bockius	A. Pieniazek	N/A	Unit Dispatch – Removing All STP Units	CL-2
176	01/08/2009	Morgan, Lewis & Bockius	CPS Energy	N/A	CPS Energy – Strategic Energy Plan Update	DEIS-1-G

*Morgan Lewis is located at 1111 Pennsylvania Avenue, NW, Washington, DC 20004.

ENCLOSURE 3

Proprietary Log

DOC #	DATE	LOCATION*	AUTHOR OR CUSTODIAN	TO	SUBJECT/ DESCRIPTION	CONTENTION	BASIS FOR PROPRIETARY STATUS
1 - 30	DELETED PER LBP-10-14 (DISMISSING CONTENTIONS 8, 9, 14, 16, AND 21)						

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ENCLOSURE 4

Publicly Available Log

DOC #	DATE	LOCATION	AUTHOR OR CUSTODIAN	TO	SUBJECT/ DESCRIPTION	CONTENTION
1 - 27	DELETED PER LBP-10-14 (DISMISSING CONTENTIONS 8, 9, 14, 16, AND 21)					
28	January 1997	Available at http://www.osti.gov/energycitations/servlets/purl/446391-rCqSr4/webviewable/446391.pdf	NRC	N/A	NUREG/BR-0184, Regulatory Analysis Technical Evaluation Handbook	CL-2
29 - 32	DELETED PER LBP-10-14 (DISMISSING CONTENTIONS 8, 9, 14, 16, AND 21)					
33	August 2009	Available at http://www.puc.state.tx.us/wmo/documents/annual_reports/2008annualreport.pdf	Potomac Economics, Ltd.	N/A	2008 State of the Market Report for the ERCOT Wholesale Electricity Markets	CL-2
34	12/21/1994	Available at ADAMS Accession No. ML100210563	GE Nuclear	NRC	Technical Support Document for the ABWR, Rev. 1	CL-2
35	November 2005	Available at ADAMS Accession No. ML060300194	Nuclear Energy Institute	N/A	Severe Accident Mitigation Alternatives (SAMA) Analysis Guidance Document	CL-2
36	July 2010	Available at http://www.potomaceconomics.com/uploads/ercot_reports/2009_ERCOT_SOM_REPORT_Final.pdf	Potomac Economics, Ltd.	N/A	2009 State of the Market Report for the ERCOT Wholesale Electricity Markets	CL-2
37	May 2010	Available at http://www.ercot.com/content/news/presentations/2010/2010_Capacity_Demand_and_Reserves.pdf	ERCOT	N/A	Report on the Capacity, Demand, and Reserves in the ERCOT Region	CL-2
38	07/01/2010	Available at http://www.ercot.com/content/mktrules/guides/operating/2010/07/04/04-070110.doc	ERCOT	N/A	ERCOT Operating Guides, Section 4: Emergency Operation	CL-2
39	2009	Available at http://www.ercot.com/content/gridinfo/load/load_hist/2009%20ERCOT%20Hourly%20Load%20Data.xls	ERCOT	N/A	ERCOT Hourly Load Data	CL-2
40	08/01/2010	Available at http://www.ercot.com/mktrules/protocols/library/index	ERCOT	N/A	ERCOT Protocols Section 6: Ancillary Services	CL-2

DOC #	DATE	LOCATION	AUTHOR OR CUSTODIAN	TO	SUBJECT/ DESCRIPTION	CONTENTION
41	October 2008	Available at http://aceee.org/research-report/e086	American Council for an Energy Efficient Economy	N/A	State Energy Efficiency Scorecard	DEIS-1-G
42	January 2009	Available at http://my.epri.com/portal/server.pt (enter subject/description into search)	EPRI	N/A	Assessment of Achievable Potential from Energy Efficiency and Demand Response Programs in the U.S. (2010–2030)	DEIS-1-G
43	12/10/2008	Available at http://www.puc.state.tx.us/electric/reports/misc/Electricity_Saving_2009-2018_122308.pdf	Itron	PUCT	Assessment of the Feasible and Achievable Levels of Electricity Savings from Investor Owned Utilities in Texas: 2009–2018	DEIS-1-G
44	01/24/2007	Available at http://www.ercot.com/content/meetings/other/keydocs/2007/0124-LoadForecast/KDonohoo_ERCOTLongTermDemandEnergyForecastingPlanning01242007.ppt	ERCOT	N/A	Long Term Demand and Energy Forecasting	DEIS-1-G
45	05/10/2005	Available at http://www.ercot.com/meetings/board/keydocs/2005/0517/Item_11b_-_Reserve_Margin_Calculation.pdf	ERCOT	N/A	Methodology for Reserve Margin Calculation	DEIS-1-G
46	01/12/2007	Available at http://www.ercot.com/content/meetings/gatf/keydocs/2009/1013/GATF_LOLP_Presentation_1_12_07_as_presented.ppt	ERCOT	N/A	Analysis of Target Reserve Margin	DEIS-1-G
47	12/12/2006	Available at http://www.ercot.com/news/presentations/2006/Attch_A_-_Long_Term_System_Assessment_ERCOT_Region_December.pdf	ERCOT	N/A	Long Term System Assessment for the ERCOT Region	DEIS-1-G
48	May 2007	Available at http://www.ercot.com/news/presentations/2007/07CDR05172007-final.xls	ERCOT	N/A	Report on the Capacity Demand and Reserves in the ERCOT Region	DEIS-1-G
49	December 2010	Available at http://www.ercot.com/content/news/presentations/2011/ERCOT%202010%20Capacity,%20Demand%20and%20Reserves%20Report%20-	ERCOT	N/A	Report on the Capacity Demand and Reserves in the ERCOT Region	DEIS-1-G

DOC #	DATE	LOCATION	AUTHOR OR CUSTODIAN	TO	SUBJECT/ DESCRIPTION	CONTENTION
		%20Winter%20Upd.p df				
50	09/15/2006	Available at http://www.ercot.com/ services/programs/loa d/DSWG_Presentatio n_to_PUCT_Worksho p_9_15_06.ppt	ERCOT	PUCT	Demand Side Working Group	DEIS-1-G
51	12/10/2010	Available at ADAMS Accession No. ML103500553	NRC	N/A	Summary of Teleconference with ERCOT	DEIS-1-G
52	March 2007	Available at http://www.aceee.org/ research-report/e073	American Council for an Energy Efficient Economy	N/A	Potential for Energy Efficiency, Demand Response, and Onsite Renewable Energy to Meet Texas's Growing Electricity Needs	DEIS-1-G
53	06/25/2010	Available at http://www.ercot.com/ content/news/present ations/2011/2010%20 Long- Term%20Hourly%20P eak%20Demand%20 and%20Energy%20F orecast.pdf	ERCOT	N/A	Long Term Peak Demand and Energy Forecast	DEIS-1-G
54	05/08/2007	Available at http://www.ercot.com/ news/presentations/2 007/2007_ERCOT_Pl anning_Long_Term_ Hourly_Demand_Ene rgy_Forecast_.pdf	ERCOT	N/A	Long Term Peak Demand and Energy Forecast	DEIS-1-G
55	December 2006	Available at http://www.ercot.org/c ontent/news/presentat ions/2006/2006_ERC OT_Reports_Transmi ssion_Constraints_an d_Needs.pdf	ERCOT	N/A	Report on Existing and Potential Electric System Constraints and Needs	DEIS-1-G

**UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION**

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

_____)	
In the Matter of)	Docket Nos. 52-012-COL
)	52-013-COL
NUCLEAR INNOVATION NORTH AMERICA LLC)	
)	
(South Texas Project Units 3 and 4))	April 1, 2011
_____)	

CERTIFICATE OF SERVICE

I hereby certify that on April 1, 2011 a copy of Nuclear Innovation North America LLC's
"Eighteenth Update to Disclosures Pursuant to 10 C.F.R. § 2.336" was served by the Electronic
Information Exchange on the following recipients:

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