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USNRC

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OFFICE OF THE SECRETARY
OF THE UNITED STATES OF AMERICA
ADJUDICATIONS STAFF

U.S. NUCLEAR REGULATORY COMMISSION

In the Matter of Louisiana Energy Services, L.P.

Docket No. 10-3103-m2 Official Exhibit No. 281

OFFERED by: Applicant/Licensee Intervenor VERSIPCO

NRC Staff Other _____

IDENTIFIED on 2/13/06 Witness/Panel Krich

Action Taken: ADMITTED REJECTED WITHDRAWN

Disputed Clerk Bethany Engel

Deconversion facility cost (including engineering and licensing)	\$88,000,000
Deconversion facility annualized (annual cost for facility with interest)	8,399,143
Interest rate	0.10
After tax interest rate (tax@40%)	0.06
Facility operation in years	17
Total throughput kgU	110,027,923
Annual throughput kgU	7,000,000
Per kgU cost	\$0.80
Per kgU cost annualized	\$1.20
Cost of capital line item per kgU	\$0.40
Escalation rate for decommissioning costs	3.0%

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Capital Cost per kgU in 2004 MV	\$0.80														
Annual reserve for capital cost in 2004 MV	\$5,598,579														
Escalated value for capital cost per kgU		\$0.82	\$0.85	\$0.87	\$0.90	\$0.93	\$0.95	\$0.98	\$1.01	\$1.04	\$1.07	\$1.11	\$1.14	\$1.17	\$1.21
Annual reserve amount capital cost														\$8,221,702	\$8,468,353
Escalated portion of annual reserve														\$2,823,123	\$2,869,714
Total escalation over time (capital only)	\$91,732,866														
Cost per kgU for cost of capital line item	\$0.40														
Annual reserve for cost of capital line item in 2004 MV	\$2,800,564														
Escalated value for cost of capital line item per kgU		\$0.41	\$0.42	\$0.44	\$0.45	\$0.46	\$0.48	\$0.49	\$0.51	\$0.52	\$0.54	\$0.55	\$0.57	\$0.59	\$0.61
Annual reserve amount capital cost														\$4,112,723	\$4,238,104
Escalated portion of annual reserve														\$1,312,159	\$1,435,640
Total escalation over time (capital only)	\$45,866,928														
Total escalation of reserves including cost of capital	\$137,619,811														
NEF facility construction spending escalated (estimate)									\$11,147,577	\$11,482,004	\$47,305,857	\$48,725,032			
Escalated facility cost	\$118,860,470														
Facility cost escalation only	\$30,680,470														

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BELIN & SUGARMAN

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2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
\$1.25	\$1.28	\$1.32	\$1.36	\$1.40	\$1.44	\$1.49	\$1.53	\$1.58	\$1.63	\$1.67	\$1.72	\$1.78	\$1.83	\$1.88	\$1.94
\$8,722,403	\$8,984,073	\$9,253,598	\$9,531,206	\$9,817,142	\$10,111,658	\$10,415,006	\$10,727,458	\$11,049,280	\$11,380,758	\$11,722,181	\$12,073,848	\$12,436,082	\$12,809,143	\$13,193,418	\$13,589,220
\$3,123,828	\$3,385,497	\$3,665,019	\$3,932,627	\$4,218,583	\$4,513,077	\$4,818,421	\$5,128,877	\$5,430,701	\$5,782,179	\$6,123,802	\$6,475,287	\$6,837,483	\$7,210,566	\$7,604,838	\$7,990,841

2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
\$0.82	\$0.64	\$0.66	\$0.68	\$0.70	\$0.72	\$0.74	\$0.77	\$0.79	\$0.81	\$0.84	\$0.86	\$0.89	\$0.92	\$0.94	\$0.97
\$4,383,187	\$4,404,083	\$4,528,905	\$4,707,773	\$4,910,800	\$5,058,130	\$5,209,874	\$5,368,170	\$5,527,155	\$5,692,970	\$5,863,759	\$6,039,672	\$6,220,862	\$6,407,488	\$6,599,712	\$6,797,704
\$1,562,623	\$1,893,518	\$1,828,342	\$1,987,209	\$2,110,242	\$2,267,688	\$2,408,310	\$2,565,006	\$2,726,591	\$2,891,408	\$3,063,186	\$3,239,108	\$3,420,298	\$3,606,924	\$3,799,148	\$3,997,140