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Green Bay, WI 54307-9001
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March 19, 2008

FERC Project No. 10855

Ms. Kimberly D. Bose, Secretary
The Federal Energy Regulatory Commission
888 First Street NE
Washington, DC 20426

Dear Secretary Bose:

Supplement to the Dead River Hydroelectric Project:
Environmental Report-Silver Lake Reservoir Rebuild

Per comments received on the public notice, Upper Peninsula Power Company (UPPCO) is pleased to provide you with a Supplement to the Environmental Report addressing the project to rebuild the Silver Lake Reservoir as part of the Dead River Hydroelectric Project (FERC Project No. 10855).

Should you have any questions please do not hesitate to contact Shawn Puzen at (920) 433-1094.

Sincerely,

Terry P. Jensky
Vice President - Energy Supply Operations
for Wisconsin Public Service Corporation
Telephone: (920) 433-2900

syx

Enc.

cc: Ms. Patricia Grant, FERC - Chicago
Mr. Patrick Fulsher, UPPCO - UISC
Mr. Howard Giesler, WPSC - PUL
Mr. Gil Snyder, WPSC - D2
Ms. Joan Johaneck, WPSC - D2
Mr. Keith Moyle, UPPCO - UISC
Mr. Jeff Krueger, WPSC - REG
Ms. Tammy Kircher, WPSC - REG
Mr. Doug Clark, Foley & Lardner

Ms. Jessica Mistak, MDNR
Mr. John Suppnick, MDEQ
Ms. Christie Deloria, FWS
Mr. Steve Casey, MDEQ
Mr. Gene Mensch, KBIC
Ms. Pamela Stevenson, State of Michigan
Mr. Jim Schramm, MHRC
Mr. Chris Freiburger, MDNR

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FEDERAL ENERGY REGULATORY COMMISSION

Supplement to Environmental Report Dated January 14, 2008

Page ES-4 - First Full Paragraph

Substitute the following paragraph for the existing paragraph:

All elevations contained within the text of the Report and noted as El. are provided in feet as the National Geodetic Vertical Datum (NGVD-29 or NGVD), and the equivalent North American Vertical Datum of 1988 (NAVD-88 or NAVD) are provided in parentheses. The current license of the Silver Lake Reservoir uses the NGVD-29 datum. The updated Construction Drawings prepared by Paul C. Rizzo Associates, Inc. (RIZZO) are referenced to the NAVD-88 datum because this has become the current design standard and most surveying instrumentation uses NAVD-88 exclusively. For the Silver Lake site, NAVD-88 equals NGVD-29 plus 0.16 feet. UPPCO proposes to operate the facility consistent with the terms of the current license.

Page 16 – Section 3.2.2

Substitute the following for Section 3.2.2:

3.2.2 Spillway Elevation Options

Various Spillway elevations were evaluated. Modeling results indicated that lowering the Spillway as originally proposed in the Consultation Report (E-Pro 2007) would require modification to the existing license. UPPCO wanted to consider an option that would avoid the complications associated with modifying the existing license. Development of an additional Spillway at the same Spillway height as the current Service Spillway required a significant area of disturbance. Modeling was performed to optimize Spillway capacity (RIZZO, 2006 and 2007), and it was determined that the potential environmental impact of construction of the new Spillway could be minimized by building the Spillway at El. 1485.04 NGVD (1485.2 NAVD). This resulted in reducing the lateral extent of the Spillway by 80 feet over the initial design elevation. The proposed Spillway elevation of (El. 1485.04) would safely accommodate the passing of flows during major storm events, including the PMF. In evaluating Spillway design

and elevation, stream flow velocities were estimated. The river channel below the Dam was found to dissipate the discharge energy sufficient to avoid significant impacts.

Appendix G analyzes the potential for the reduced spillway height (1486.04 NGVD as recently surveyed) to 1485.04 NGVD to affect the ability for the new spillway elevation to meet current license conditions. In *Appendix G*, it is shown that if the Hoist Reservoir is to maintain its target elevations at all times, the water elevations at Silver Lake will achieve a reservoir elevation of greater than the spillway height for a very short duration approximately 25% of the years throughout the future. This elevation above the spillway would occur only in about ¼ of the wettest years when storage at Silver Lake is not critical to maintaining Hoist Reservoir Elevations. Therefore, the maintenance of target elevations at Hoist is not limited by the minimal amount of reduced storage as a consequence of lowering the spillway from the height of 1486.04 NGVD to the height of the new spillway (1485.04 NGVD).

UPPCO used the interpretation of exceeding the target elevations for the spillway analysis only because it would represent the “worst-case” scenario when it comes to evaluating the potential lost storage at Silver Lake associated with a one-foot reduction of the spillway elevation and its impact on meeting downstream license requirements.

If the reservoir elevations were restricted to the target elevations, the maximum amount the reservoir could raise under UPPCO’s control would be 1481.5 feet (July Start of Month Target Elevation). The spillway would cease to function because there is approximately a 3.5 foot elevation difference (1485.04 feet spillway elevation and 1481.5 feet Start of Month Target Elevation for July). Therefore, if the reservoir is restricted to a maximum of 1481.5 during the year, water cannot be stored for release downstream above the 1481.5 foot elevation and the reduction of the spillway height is rendered irrelevant.

Please note: The start of Month Target for July is used because it is the highest target elevation of the year.

The graph that is exhibited at the end of Appendix G (“Silver Lake Reservoir Elevations”) utilizes model data that is the output from the Rizzo “Spillway Design Report, Silver Lake Dam, FERC Project No. 10855-MI,” October 2007. The output and the layout of the model in the

October 2007 Rizzo report shall not be used for the purpose of understanding the proposed operations of Silver Lake. Those details need to be discussed in a separate process in consultation with the MDEQ and the MDNR as part of the development of the Operations Monitoring Plan for the Dead River Hydroelectric Project. There are two purposes of including the October 2007 report as an Appendix in this environmental report. The first is to allow a reviewer to understand how the baseline data was created. Secondly, it demonstrates that a reduced spillway height attenuates downstream flows. Therefore, the resulting reservoir elevations in the output of the October 2007 Rizzo study are useful only in that they show the relationships between incoming flows to Silver Lake, minimum flow releases from Hoist and evaporation at Silver Lake and Hoist.

It must also be noted that the model in the October 2007 report is organized such that the operation of Hoist and the operation of Silver Lake are two independent variables. The influence of Silver Lake on Hoist is dictated by rules set at the start of the model for set flow releases in certain months from Silver Lake.

As a result, the output data of the October 2007 Rizzo study must be adjusted to back-calculate reservoir changes at Silver Lake if Hoist target elevations are maintained. The resulting reservoir elevations have been adjusted based upon the amount of additional water that needs to be released from Silver Lake to maintain target elevations at Hoist. This employed the assumption based upon elevation capacity curves of the license application where one foot of storage at Hoist is equal to 1.8 feet of storage at Silver Lake.

Page 29 - First Full Paragraph

Substitute the following paragraph for the existing paragraph:

UPPCO completed internal research on the above-listed items. Plans were developed to release flows during construction from the LLO, thereby addressing the first item. For the other items, UPPCO again held a face-to-face meeting with MDEQ and USFWS on September 25, 2007, in Gwinn, MI (MDNR and KBIC were invited, but were unable to attend the meeting). One purpose of the meeting was to better understand each of the remaining items brought forward in the previous meeting (for a complete discussion of these items, please *Section 5.4.2*). A second purpose of the meeting was to discuss the timeline to obtain the MDEQ permits necessary for construction. The final purpose was to discuss the rebuilding of the Silver Lake Reservoir with a

Spillway maximum elevation of 1485.04 feet NGVD compared to the existing maximum Service Spillway elevation of 1486.25 NGVD or 1486.04 NGVD as surveyed.

Page 29 – Last Partial Paragraph

Substitute the following paragraph for the existing paragraph:

Regarding the service spillway maximum elevation, MDEQ explained that the need to meet current license requirements for both minimum elevation and minimum flows downstream was very important to the public. As the current operating license and the WQC is written, UPPCO is unable to meet license conditions for minimum flows and minimum reservoir elevation at Silver Lake and the Dead River Storage Basin a majority of the years, especially during years with less than average inflows to the system. MDEQ requested that UPPCO provide justification that the maximum Spillway elevation of 1485.04 NGVD will not result in a reduction in UPPCO's ability to meet the license conditions beyond what currently exists with a maximum Service Spillway elevation of 1486.04 feet NGVD as surveyed. MDEQ also requested that UPPCO explain the benefits of a reduction of peak flow discharges downstream with a Spillway maximum elevation of 1485.04 NGVD.

Page 30 – First Full Paragraph

Substitute the following paragraph for the existing paragraph:

It is important to note that the proposed reduction in the maximum elevation of the Spillway will not require any amendment to the existing operating license. According to the approved Exhibit F drawings, the current service spillway maximum elevation ranges from 1480.0 feet to 1486.25 feet NGVD depending upon how many wooden stop logs are in place (The actual maximum elevations based upon a recent survey is 1486.04 feet NGVD). However, under 18 CFR Part 12, UPPCO will need to amend the Exhibit F drawings to reflect the changes.

Page 30 – Second Full Paragraph

Eliminate this paragraph:

UPPCO scheduled a conference call with MDEQ and MDNR (the USFWS and the KBIC were invited, but were unable to attend) to discuss a draft of the spillway elevation study that was

requested by MDEQ. MDEQ and MDNR requested that additional information be contained in the final report to include the following:

- The assumptions behind the model runs;
- Rule curve reports;
- Corrections to the legends in the graphs; and
- The 20 year record of data utilized for the model runs.

UPPCO agreed to provide the additional information, formalized the information into a final report, and scheduled a follow up face to face meeting in Marquette, MI, for October 26, 2007. The final report (RIZZO, 2007) was provided to the resource agencies on October 25, 2007. Unfortunately, the October 26, 2007 meeting was cancelled because the resource agencies needed more time to review the final document. The final Spillway Elevation Study Report and its supplement is provided in *Appendix G*.

Page 30 – Last Paragraph

Substitute the following paragraph for the existing paragraph:

UPPCO and MDEQ continue to discuss the proper interpretation of certain reservoir elevation targets that were included in the Dead River license as conditions to MDEQ's water quality certification under Section 401 of the Clean Water Act. The interpretation of these "target" elevations is not relevant to the ongoing process of rebuilding the Silver Lake Reservoir and will be completed under a separate process for development of the Operations Monitoring Plan. UPPCO intends to comply with the requirements of the current license for the operation of the facility.

Page 46 – First Full Paragraph

Substitute the following paragraph for the existing paragraph:

Water Quantity

Under the current License, required minimum flows out of Silver Lake Reservoir vary seasonally, being 15 cfs from January through March, 25 cfs or inflow in April, 20 cfs in May, 15 cfs in June, 10 cfs July through September, and 15 cfs October through December. An

increase in the release flow from Silver Lake Reservoir is required to maintain Hoist Reservoir target levels when minimum license releases and evaporation losses from Hoist Reservoir could exceed incoming flows.

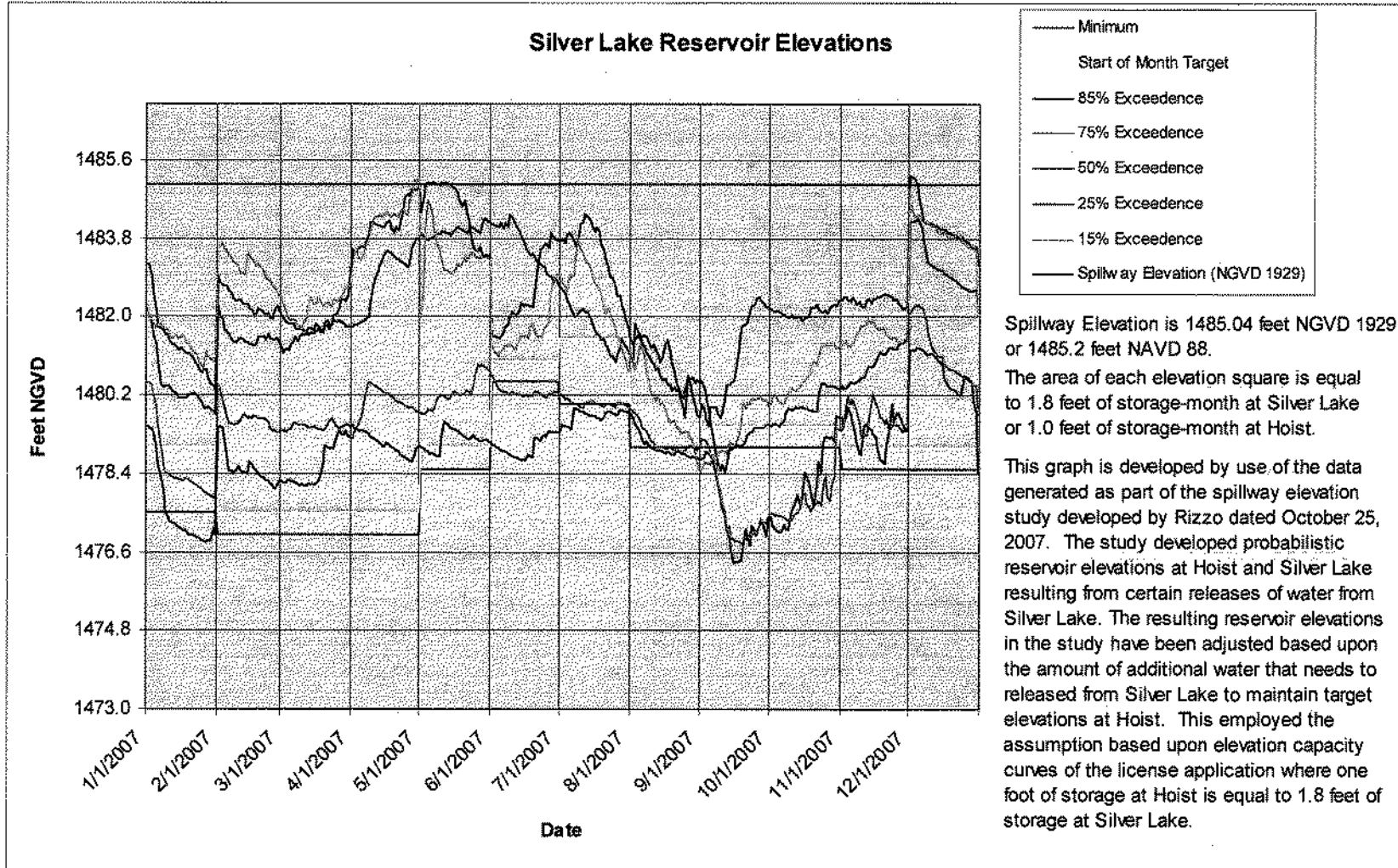
Page 79 – First Full Paragraph

Substitute the following paragraph for the existing paragraph:

As evidenced by the requirements of the license and information contained in the Environmental Assessment (less impacts to littoral habitat with drawdowns at Silver Lake vs. Drawdowns at Hoist and Hoist is the primary waterborne recreation are of the project), a primary objective of the Proposed Rebuild Option, and the license, is to meet the existing license requirements for water level elevation management at Hoist Reservoir. Without the presence of the Silver Lake Reservoir, the water levels in Hoist Reservoir have the potential to drop significantly and more frequently over the course of the summer due to reduced watershed inflow and increased evaporation at the Reservoir.

Appendix G

Add the following information to the end of Appendix G:



Hoist Data

Date	Flow Release	Daily Ave. Elev.	Start of Month Target Elevation	Minimum Elevation	Hoist 15% Exceed.	15% Hoist Adjust.	15% Silver Lake Correct.	Hoist 25% Exceed.	25% Hoist Adjust.	25% Silver Lake Correct.	Hoist 50% Exceed.	50% Hoist Adjust.	50% Silver Lake Correct.	Hoist 75% Exceed.	75% Hoist Adjust.	75% Silver Lake Correct.	Hoist 85% Exceed.	85% Hoist Adjust.	85% Silver Lake Correct.
1/1/2007	95	1332.40	1339	1337.5	1337.63	1.37	2.47	1336.25	0.75	1.35	1336.48	0.52	0.93	1336.50	0.50	0.90	1336.50	0.50	0.90
1/2/2007	102	1334.96	1339	1337.5	1337.50	1.50	2.70	1336.24	0.76	1.37	1336.43	0.57	1.03	1336.50	0.50	0.90	1336.50	0.50	0.90
1/3/2007	102	1334.96	1339	1337.5	1337.49	1.51	2.72	1336.08	0.92	1.66	1336.30	0.70	1.25	1336.49	0.51	0.92	1336.50	0.50	0.90
1/4/2007	102	1334.95	1339	1337.5	1337.48	1.52	2.74	1337.89	1.11	2.00	1336.20	0.80	1.44	1336.40	0.60	1.09	1336.50	0.50	0.91
1/5/2007	102	1334.95	1339	1337.5	1337.42	1.58	2.84	1337.68	1.32	2.37	1336.09	0.91	1.63	1336.28	0.72	1.28	1336.32	0.68	1.22
1/6/2007	102	1334.97	1339	1337.5	1337.49	1.51	2.73	1337.50	1.50	2.70	1337.89	1.11	2.00	1336.05	0.95	1.71	1336.11	0.89	1.60
1/7/2007	102	1334.98	1339	1337.5	1337.47	1.53	2.75	1337.50	1.50	2.70	1337.63	1.37	2.47	1337.80	1.20	2.17	1337.98	1.02	1.83
1/8/2007	102	1334.98	1339	1337.5	1337.41	1.59	2.87	1337.47	1.53	2.76	1337.50	1.50	2.70	1337.56	1.44	2.60	1337.83	1.17	2.11
1/9/2007	102	1334.97	1339	1337.5	1337.38	1.62	2.91	1337.46	1.54	2.77	1337.50	1.50	2.70	1337.50	1.50	2.70	1337.57	1.43	2.57
1/10/2007	102	1334.94	1339	1337.5	1337.38	1.62	2.92	1337.46	1.54	2.78	1337.50	1.50	2.70	1337.50	1.50	2.70	1337.52	1.48	2.66
1/11/2007	102	1334.94	1339	1337.5	1337.32	1.68	3.02	1337.40	1.60	2.87	1337.50	1.50	2.70	1337.50	1.50	2.70	1337.50	1.50	2.70
1/12/2007	102	1334.92	1339	1337.5	1337.29	1.71	3.08	1337.38	1.62	2.91	1337.48	1.52	2.73	1337.50	1.50	2.70	1337.50	1.50	2.70
1/13/2007	102	1334.90	1339	1337.5	1337.31	1.69	3.04	1337.40	1.60	2.88	1337.49	1.51	2.72	1337.50	1.50	2.70	1337.52	1.48	2.67
1/14/2007	102	1334.88	1339	1337.5	1337.34	1.66	2.99	1337.39	1.61	2.90	1337.48	1.52	2.74	1337.50	1.50	2.70	1337.50	1.50	2.70
1/15/2007	99	1334.78	1339	1337.5	1337.31	1.69	3.04	1337.37	1.63	2.94	1337.45	1.55	2.79	1337.50	1.50	2.70	1337.50	1.50	2.70
1/16/2007	103	1334.88	1339	1337.5	1337.33	1.67	3.00	1337.41	1.59	2.85	1337.48	1.52	2.74	1337.50	1.50	2.70	1337.50	1.50	2.70
1/17/2007	103	1334.86	1339	1337.5	1337.38	1.64	2.95	1337.40	1.60	2.88	1337.49	1.51	2.72	1337.50	1.50	2.70	1337.50	1.50	2.70
1/18/2007	103	1334.81	1339	1337.5	1337.30	1.70	3.05	1337.38	1.62	2.92	1337.48	1.52	2.74	1337.50	1.50	2.70	1337.53	1.47	2.65
1/19/2007	103	1334.78	1339	1337.5	1337.24	1.76	3.16	1337.40	1.60	2.87	1337.47	1.53	2.76	1337.50	1.50	2.70	1337.50	1.50	2.70
1/20/2007	103	1334.75	1339	1337.5	1337.23	1.77	3.18	1337.40	1.60	2.87	1337.45	1.55	2.78	1337.50	1.50	2.70	1337.50	1.50	2.70
1/21/2007	103	1334.72	1339	1337.5	1337.18	1.82	3.26	1337.38	1.62	2.92	1337.49	1.51	2.72	1337.50	1.50	2.70	1337.50	1.50	2.70
1/22/2007	103	1334.68	1339	1337.5	1337.16	1.84	3.31	1337.36	1.64	2.96	1337.47	1.53	2.75	1337.50	1.50	2.70	1337.50	1.50	2.70
1/23/2007	103	1334.65	1339	1337.5	1337.16	1.84	3.31	1337.33	1.67	3.00	1337.47	1.53	2.75	1337.50	1.50	2.70	1337.50	1.50	2.70
1/24/2007	103	1334.60	1339	1337.5	1337.08	1.92	3.45	1337.30	1.70	3.06	1337.45	1.55	2.78	1337.50	1.50	2.70	1337.50	1.50	2.70
1/25/2007	103	1334.57	1339	1337.5	1337.03	1.97	3.54	1337.29	1.71	3.08	1337.44	1.56	2.81	1337.50	1.50	2.70	1337.50	1.50	2.70
1/26/2007	103	1334.52	1339	1337.5	1337.01	1.99	3.57	1337.26	1.74	3.13	1337.38	1.62	2.91	1337.50	1.50	2.70	1337.50	1.50	2.70
1/27/2007	103	1334.49	1339	1337.5	1336.98	2.02	3.64	1337.26	1.74	3.13	1337.39	1.61	2.89	1337.50	1.50	2.70	1337.50	1.50	2.70
1/28/2007	103	1334.46	1339	1337.5	1336.93	2.07	3.72	1337.18	1.82	3.28	1337.43	1.57	2.83	1337.50	1.50	2.70	1337.50	1.50	2.70
1/29/2007	103	1334.42	1339	1337.5	1336.93	2.07	3.73	1337.12	1.88	3.38	1337.41	1.59	2.87	1337.50	1.50	2.70	1337.50	1.50	2.70
1/30/2007	103	1334.39	1339	1337.5	1336.93	2.07	3.72	1337.12	1.88	3.38	1337.42	1.58	2.85	1337.50	1.50	2.70	1337.66	1.34	2.42
1/31/2007	102	1334.34	1339	1337.5	1336.92	2.08	3.75	1337.08	1.92	3.46	1337.41	1.59	2.87	1337.50	1.50	2.70	1337.61	1.39	2.50
2/1/2007	102	1334.35	1337.5	1337	1336.91	0.99	1.07	1337.06	0.44	0.79	1337.31	0.19	0.34	1337.48	0.02	0.03	1337.59	-0.09	0.00
2/2/2007	102	1334.37	1337.5	1337	1336.93	0.57	1.02	1337.02	0.48	0.97	1337.20	0.30	0.53	1337.47	0.03	0.05	1337.55	-0.05	0.00
2/3/2007	102	1334.32	1337.5	1337	1336.93	0.57	1.03	1336.99	0.51	0.92	1337.17	0.33	0.59	1337.31	0.19	0.34	1337.51	-0.01	0.00
2/4/2007	102	1334.28	1337.5	1337	1336.87	0.63	1.13	1336.97	0.53	0.95	1337.05	0.45	0.81	1337.24	0.26	0.47	1337.42	0.08	0.15
2/5/2007	102	1334.20	1337.5	1337	1336.86	0.64	1.15	1336.94	0.56	1.00	1337.00	0.50	0.90	1337.05	0.45	0.80	1337.15	0.35	0.64
2/6/2007	102	1334.13	1337.5	1337	1336.81	0.69	1.24	1336.89	0.61	1.10	1336.99	0.51	0.92	1337.00	0.50	0.90	1337.00	0.50	0.90
2/7/2007	103	1334.06	1337.5	1337	1336.79	0.71	1.28	1336.87	0.63	1.13	1336.93	0.57	1.02	1337.00	0.50	0.90	1337.00	0.50	0.90
2/8/2007	103	1334.02	1337.5	1337	1336.74	0.76	1.37	1336.81	0.69	1.24	1336.90	0.60	1.09	1336.98	0.52	0.94	1337.00	0.50	0.90
2/9/2007	102	1333.90	1337.5	1337	1336.72	0.78	1.41	1336.76	0.74	1.33	1336.87	0.63	1.13	1336.99	0.51	0.92	1337.00	0.50	0.90

2/10/2007	102	1333.81	1337.5	1337	1336.67	0.83	1.50	1336.76	0.74	1.33	1336.90	0.60	1.08	1337.00	0.50	0.90	1337.08	0.42	0.76
2/11/2007	102	1333.73	1337.5	1337	1336.61	0.89	1.81	1336.78	0.72	1.30	1336.90	0.60	1.07	1337.00	0.50	0.90	1337.00	0.50	0.90
2/12/2007	102	1333.64	1337.5	1337	1336.62	0.88	1.58	1336.74	0.76	1.36	1336.89	0.61	1.11	1336.98	0.52	0.94	1337.00	0.50	0.90
2/13/2007	102	1333.55	1337.5	1337	1336.60	0.90	1.62	1336.71	0.79	1.42	1336.89	0.61	1.10	1337.00	0.50	0.90	1337.00	0.50	0.90
2/14/2007	102	1333.47	1337.5	1337	1336.60	0.90	1.62	1336.71	0.79	1.41	1336.89	0.61	1.11	1336.96	0.54	0.96	1337.00	0.50	0.90
2/15/2007	102	1333.39	1337.5	1337	1336.57	0.93	1.87	1336.67	0.83	1.49	1336.86	0.64	1.15	1337.00	0.50	0.91	1337.16	0.34	0.62
2/16/2007	101	1333.30	1337.5	1337	1336.52	0.98	1.77	1336.64	0.86	1.55	1336.84	0.66	1.19	1336.97	0.53	0.95	1337.13	0.37	0.67
2/17/2007	101	1333.22	1337.5	1337	1336.50	1.00	1.79	1336.60	0.90	1.61	1336.83	0.67	1.20	1337.00	0.50	0.90	1337.10	0.40	0.72
2/18/2007	101	1333.14	1337.5	1337	1336.46	1.04	1.87	1336.60	0.90	1.62	1336.85	0.65	1.19	1336.99	0.51	0.91	1337.06	0.44	0.78
2/19/2007	102	1334.25	1337.5	1337	1336.42	1.08	1.96	1336.54	0.96	1.72	1336.86	0.64	1.16	1336.99	0.51	0.92	1337.04	0.46	0.83
2/20/2007	102	1332.96	1337.5	1337	1336.38	1.12	2.02	1336.50	1.00	1.80	1336.86	0.64	1.15	1337.00	0.50	0.90	1337.01	0.49	0.86
2/21/2007	102	1332.88	1337.5	1337	1336.34	1.16	2.09	1336.45	1.05	1.88	1336.87	0.63	1.13	1337.00	0.50	0.91	1337.00	0.50	0.90
2/22/2007	101	1332.83	1337.5	1337	1336.27	1.23	2.21	1336.45	1.05	1.88	1336.86	0.64	1.15	1336.99	0.51	0.91	1337.00	0.50	0.90
2/23/2007	101	1332.75	1337.5	1337	1336.25	1.25	2.25	1336.42	1.08	1.94	1336.84	0.66	1.18	1336.99	0.51	0.92	1337.00	0.50	0.90
2/24/2007	101	1332.66	1337.5	1337	1336.25	1.25	2.26	1336.37	1.13	2.03	1336.81	0.69	1.25	1336.92	0.58	1.04	1336.98	0.52	0.88
2/25/2007	101	1332.61	1337.5	1337	1336.19	1.31	2.35	1336.33	1.17	2.10	1336.79	0.71	1.27	1336.89	0.61	1.10	1336.96	0.54	0.97
2/26/2007	101	1332.58	1337.5	1337	1336.17	1.33	2.40	1336.27	1.23	2.22	1336.77	0.73	1.31	1336.90	0.60	1.07	1336.94	0.56	1.00
2/27/2007	101	1332.49	1337.5	1337	1336.15	1.35	2.43	1336.28	1.22	2.20	1336.78	0.72	1.30	1336.90	0.60	1.08	1336.98	0.52	0.94
2/28/2007	101	1332.39	1337.5	1337	1336.10	1.40	2.52	1336.25	1.25	2.26	1336.75	0.75	1.35	1336.92	0.58	1.05	1337.00	0.50	0.90
3/1/2007	97	1332.37	1337.5	1337	1336.01	1.49	2.69	1336.16	1.34	2.42	1336.69	0.81	1.45	1336.93	0.57	1.02	1337.00	0.50	0.90
3/2/2007	101	1332.40	1337.5	1337	1335.90	1.60	2.88	1336.16	1.34	2.41	1336.63	0.87	1.56	1336.95	0.55	0.98	1337.00	0.50	0.90
3/3/2007	101	1332.35	1337.5	1337	1335.81	1.69	3.05	1336.11	1.39	2.49	1336.69	0.81	1.45	1336.94	0.56	1.00	1336.98	0.52	0.88
3/4/2007	101	1332.27	1337.5	1337	1335.74	1.76	3.17	1336.10	1.40	2.52	1336.68	0.82	1.47	1336.99	0.51	0.92	1337.00	0.50	0.90
3/5/2007	101	1332.19	1337.5	1337	1335.71	1.79	3.23	1336.11	1.39	2.51	1336.78	0.74	1.34	1337.00	0.50	0.90	1337.00	0.50	0.90
3/6/2007	101	1332.10	1337.5	1337	1335.74	1.76	3.17	1336.10	1.40	2.53	1336.79	0.71	1.27	1337.00	0.50	0.90	1337.00	0.50	0.90
3/7/2007	103	1332.02	1337.5	1337	1335.75	1.75	3.15	1336.07	1.43	2.58	1336.84	0.66	1.18	1337.00	0.50	0.90	1337.00	0.50	0.90
3/8/2007	103	1331.96	1337.5	1337	1335.65	1.85	3.33	1336.05	1.45	2.61	1336.81	0.69	1.25	1337.00	0.50	0.90	1337.00	0.50	0.90
3/9/2007	103	1331.89	1337.5	1337	1335.63	1.87	3.37	1336.10	1.40	2.52	1336.86	0.64	1.14	1337.00	0.50	0.90	1337.00	0.50	0.90
3/10/2007	103	1331.84	1337.5	1337	1335.66	1.84	3.31	1336.08	1.42	2.56	1336.90	0.60	1.09	1337.00	0.50	0.90	1337.00	0.50	0.90
3/11/2007	103	1331.79	1337.5	1337	1335.75	1.75	3.14	1336.06	1.44	2.58	1336.88	0.62	1.12	1337.00	0.50	0.90	1337.00	0.50	0.90
3/12/2007	103	1331.78	1337.5	1337	1335.82	1.68	3.03	1336.09	1.41	2.54	1336.93	0.57	1.03	1337.00	0.50	0.90	1337.00	0.50	0.90
3/13/2007	103	1331.79	1337.5	1337	1335.88	1.62	2.91	1336.08	1.42	2.56	1336.90	0.60	1.07	1337.00	0.50	0.90	1337.00	0.50	0.90
3/14/2007	103	1331.85	1337.5	1337	1335.97	1.53	2.75	1336.09	1.41	2.53	1336.93	0.57	1.03	1337.00	0.50	0.90	1337.00	0.50	0.90
3/15/2007	103	1331.90	1337.5	1337	1335.92	1.58	2.84	1336.07	1.43	2.57	1336.92	0.58	1.04	1337.00	0.50	0.90	1337.00	0.50	0.90
3/16/2007	103	1331.97	1337.5	1337	1335.88	1.62	2.92	1336.13	1.37	2.48	1336.97	0.53	0.96	1337.00	0.50	0.90	1337.00	0.50	0.90
3/17/2007	103	1332.02	1337.5	1337	1335.98	1.52	2.74	1336.10	1.40	2.53	1336.98	0.52	0.94	1337.00	0.50	0.90	1337.00	0.50	0.90
3/18/2007	103	1332.06	1337.5	1337	1335.90	1.60	2.87	1336.04	1.48	2.62	1336.97	0.53	0.95	1337.00	0.50	0.90	1337.08	0.42	0.75
3/19/2007	103	1332.13	1337.5	1337	1335.84	1.66	2.99	1336.02	1.48	2.67	1336.96	0.54	0.97	1337.00	0.50	0.90	1337.24	0.26	0.47
3/20/2007	103	1332.15	1337.5	1337	1335.85	1.65	2.97	1336.00	1.50	2.70	1336.98	0.52	0.93	1337.02	0.48	0.86	1337.70	-0.20	0.00
3/21/2007	105	1332.18	1337.5	1337	1335.87	1.63	2.94	1335.98	1.54	2.77	1337.00	0.50	0.90	1337.10	0.40	0.72	1337.64	-0.14	0.00
3/22/2007	107	1332.21	1337.5	1337	1335.80	1.70	3.06	1335.89	1.61	2.90	1336.95	0.55	0.99	1337.12	0.38	0.88	1337.78	-0.26	0.00
3/23/2007	151	1332.23	1337.5	1337	1335.80	1.70	3.06	1335.91	1.59	2.87	1336.98	0.52	0.93	1337.19	0.31	0.56	1338.27	-0.77	0.00
3/24/2007	162	1332.22	1337.5	1337	1335.88	1.62	2.91	1335.96	1.54	2.77	1337.00	0.50	0.90	1337.15	0.34	0.61	1338.79	-1.29	0.00
3/25/2007	181	1332.34	1337.5	1337	1335.89	1.61	2.90	1335.96	1.54	2.77	1337.00	0.50	0.91	1337.11	0.39	0.70	1339.13	-1.63	0.00
3/26/2007	270	1332.82	1337.5	1337	1335.93	1.57	2.83	1336.08	1.42	2.55	1337.00	0.50	0.90	1337.09	0.41	0.74	1339.30	-1.80	0.00
3/27/2007	310	1333.88	1337.5	1337	1335.94	1.56	2.81	1336.18	1.32	2.37	1337.00	0.50	0.90	1337.05	0.45	0.62	1339.57	-2.07	0.00
3/28/2007	317	1335.05	1337.5	1337	1336.02	1.48	2.67	1336.20	1.30	2.34	1337.00	0.50	0.90	1337.02	0.48	0.67	1339.67	-2.17	0.00
3/29/2007	324	1335.87	1337.5	1337	1336.07	1.43	2.58	1336.18	1.32	2.38	1336.97	0.53	0.95	1337.06	0.44	0.79	1339.80	-2.30	0.00
3/30/2007	260	1336.49	1337.5	1337	1336.12	1.38	2.48	1336.27	1.23	2.21	1336.98	0.52	0.94	1337.00	0.50	0.90	1340.11	-2.61	0.00
3/31/2007	230	1337.07	1337.5	1337	1336.13	1.37	2.46	1336.44	1.08	1.91	1336.99	0.51	0.92	1337.00	0.50	0.90	1340.67	-3.17	0.00
4/1/2007	231	1337.54	1337.5	1337	1336.35	1.15	2.07	1336.82	0.88	1.22	1337.00	0.50	0.90	1337.00	0.50	0.90	1340.96	-3.46	0.00
4/2/2007	254	1337.91	1337.5	1337	1336.46	1.04	1.87	1336.77	0.73	1.32	1337.00	0.50	0.90	1337.07	0.43	0.77	1341.22	0.00	0.00
4/3/2007	284	1338.53	1337.5	1337	1336.53	0.97	1.75	1336.81	0.69	1.24	1337.00	0.50	0.90	1337.12	0.38	0.68	1341.44	0.00	0.00
4/4/2007	216	1334.21	1337.5	1337	1336.45	1.04	1.87	1336.87	0.63	1.14	1337.00	0.50	0.90	1337.20	0.30	0.53	1341.09	0.00	0.00
4/5/2007	324	1337.93	1337.5	1337	1336.45	1.05	1.89	1336.91	0.69	1.06	1337.00	0.50	0.90	1337.29	0.21	0.38	1341.06	0.00	0.00
4/6/2007	347	1339.10	1337.5	1337	1336.50	1.00	1.79	1336.90	0.60	1.08	1337.00	0.50	0.90	1337.56	-0.08	0.00	1341.11	0.00	0.00
4/7/2007	331	1339.12	1337.5	1337	1336.57	0.93	1.67	1336.93	0.57	1.02	1337.00	0.50	0.90	1338.05	-0.55	0.00	1341.18	0.00	0.00
4/8/2007	329	1339.11	1337.5	1337	1336.70	0.80	1.49	1336.97	0.53	0.95	1337.03	0.47	0.88	1338.00	-0.50	0.00	1341.14	0.00	0.00

4/9/2007	396	1339.07	1337.5	1337	1336.82	0.68	1.23	1336.99	0.51	0.93	1337.07	0.43	0.77	1337.99	-0.49	0.00	1341.12	0.00	0.00
4/10/2007	339	1338.99	1337.5	1337	1336.94	0.56	1.00	1337.00	0.50	0.90	1337.24	0.26	0.46	1337.95	-0.45	0.00	1341.08	0.00	0.00
4/11/2007	312	1338.91	1337.5	1337	1336.98	0.52	0.94	1337.00	0.50	0.90	1337.34	0.16	0.28	1338.14	-0.64	0.00	1341.04	0.00	0.00
4/12/2007	301	1338.89	1337.5	1337	1337.00	0.50	0.90	1337.00	0.50	0.90	1337.44	0.06	0.11	1338.28	-0.78	0.00	1340.93	-3.43	0.00
4/13/2007	291	1338.82	1337.5	1337	1337.00	0.50	0.91	1337.00	0.50	0.90	1337.58	-0.08	0.00	1338.48	-0.96	0.00	1340.81	-3.31	0.00
4/14/2007	271	1338.75	1337.5	1337	1336.99	0.51	0.92	1337.00	0.50	0.90	1337.75	-0.25	0.00	1339.55	-2.05	0.00	1340.72	-3.22	0.00
4/15/2007	284	1338.71	1337.5	1337	1336.99	0.51	0.91	1337.02	0.48	0.86	1337.84	-0.34	0.00	1338.93	-2.43	0.00	1342.64	0.00	0.00
4/16/2007	222	1338.71	1337.5	1337	1336.99	0.51	0.92	1337.06	0.44	0.79	1338.41	-0.91	0.00	1340.12	-2.62	0.00	1343.40	0.00	0.00
4/17/2007	180	1338.82	1337.5	1337	1336.99	0.51	0.92	1337.12	0.38	0.69	1338.39	-0.89	0.00	1340.17	-2.57	0.00	1343.45	0.00	0.00
4/18/2007	190	1338.99	1337.5	1337	1337.00	0.50	0.90	1337.04	0.46	0.82	1338.38	-0.88	0.00	1340.68	-3.18	0.00	1343.37	0.00	0.00
4/19/2007	213	1338.33	1337.5	1337	1337.00	0.50	0.90	1337.00	0.50	0.90	1338.53	-1.03	0.00	1341.23	0.00	0.00	1343.96	0.00	0.00
4/20/2007	222	1339.46	1337.5	1337	1337.00	0.50	0.90	1337.10	0.40	0.73	1338.54	-1.04	0.00	1341.45	0.00	0.00	1344.00	0.00	0.00
4/21/2007	275	1339.92	1337.5	1337	1337.00	0.50	0.90	1337.08	0.42	0.75	1339.07	-1.57	0.00	1341.54	0.00	0.00	1343.95	0.00	0.00
4/22/2007	362	1340.51	1337.5	1337	1337.08	0.42	0.75	1337.16	0.34	0.62	1339.30	-1.80	0.00	1341.59	0.00	0.00	1344.02	0.00	0.00
4/23/2007	377	1341.24	1337.5	1337	1337.08	0.44	0.79	1337.37	0.13	0.24	1339.52	-2.02	0.00	1341.64	0.00	0.00	1344.07	0.00	0.00
4/24/2007	390	1341.95	1337.5	1337	1337.03	0.47	0.84	1337.74	-0.24	0.00	1339.59	-2.09	0.00	1341.71	0.00	0.00	1344.08	0.00	0.00
4/25/2007	343	1340.67	1337.5	1337	1337.01	0.49	0.87	1337.84	-0.34	0.00	1339.71	-2.21	0.00	1341.75	0.00	0.00	1343.98	0.00	0.00
4/26/2007	393	1342.35	1337.5	1337	1337.16	0.34	0.62	1337.97	-0.47	0.00	1340.02	-2.52	0.00	1341.80	0.00	0.00	1343.93	0.00	0.00
4/27/2007	392	1342.31	1337.5	1337	1337.31	0.19	0.34	1338.13	-0.63	0.00	1340.37	-2.87	0.00	1342.00	0.00	0.00	1343.87	0.00	0.00
4/28/2007	392	1342.23	1337.5	1337	1337.51	-0.01	0.00	1338.37	-0.87	0.00	1340.71	-3.21	0.00	1342.14	0.00	0.00	1343.90	0.00	0.00
4/29/2007	392	1342.12	1337.5	1337	1337.77	-0.27	0.00	1338.73	-1.23	0.00	1341.01	0.00	0.00	1342.28	0.00	0.00	1344.27	0.00	0.00
4/30/2007	391	1341.91	1337.5	1337	1337.99	-0.43	0.00	1338.03	-1.53	0.00	1341.32	0.00	0.00	1342.56	0.00	0.00	1344.48	0.00	0.00
5/1/2007	390	1341.74	1340	1339	1338.26	1.74	3.13	1339.70	0.30	0.53	1341.41	0.00	0.00	1342.82	0.00	0.00	1344.75	0.00	0.00
5/2/2007	388	1341.51	1340	1339	1338.58	1.42	2.55	1339.87	0.13	0.23	1341.43	0.00	0.00	1343.01	0.00	0.00	1345.12	0.00	0.00
5/3/2007	387	1341.25	1340	1339	1339.31	0.69	1.24	1340.31	-0.31	0.00	1341.91	0.00	0.00	1343.35	0.00	0.00	1345.09	0.00	0.00
5/4/2007	385	1340.99	1340	1339	1339.67	0.33	0.60	1340.45	-0.45	0.00	1342.24	0.00	0.00	1343.56	0.00	0.00	1345.04	0.00	0.00
5/5/2007	380	1340.76	1340	1339	1339.53	0.47	0.85	1340.82	-0.82	0.00	1342.37	0.00	0.00	1344.00	0.00	0.00	1344.92	0.00	0.00
5/6/2007	343	1340.60	1340	1339	1339.46	0.54	0.99	1340.89	-0.89	0.00	1342.50	0.00	0.00	1344.22	0.00	0.00	1344.82	0.00	0.00
5/7/2007	250	1340.53	1340	1339	1339.29	0.71	1.29	1340.76	-0.76	0.00	1342.61	0.00	0.00	1344.38	0.00	0.00	1344.78	0.00	0.00
5/8/2007	172	1340.50	1340	1339	1339.13	0.87	1.67	1340.63	-0.63	0.00	1342.73	0.00	0.00	1344.48	0.00	0.00	1345.05	0.00	0.00
5/9/2007	156	1340.50	1340	1339	1339.06	0.94	1.66	1340.54	-0.54	0.00	1342.99	0.00	0.00	1344.66	0.00	0.00	1345.44	0.00	0.00
5/10/2007	139	1340.17	1340	1339	1338.99	1.01	1.82	1340.84	-0.84	0.00	1342.95	0.00	0.00	1344.79	0.00	0.00	1345.60	0.00	0.00
5/11/2007	114	1340.50	1340	1339	1338.85	1.15	2.08	1340.74	-0.74	0.00	1342.81	0.00	0.00	1345.19	0.00	0.00	1345.61	0.00	0.00
5/12/2007	102	1340.47	1340	1339	1338.86	1.14	2.04	1340.54	-0.54	0.00	1342.75	0.00	0.00	1345.31	0.00	0.00	1345.63	0.00	0.00
5/13/2007	102	1340.48	1340	1339	1338.87	1.13	2.04	1340.52	-0.52	0.00	1342.71	0.00	0.00	1345.39	0.00	0.00	1345.66	0.00	0.00
5/14/2007	102	1340.57	1340	1339	1338.88	1.12	2.02	1340.31	-0.31	0.00	1342.66	0.00	0.00	1345.60	0.00	0.00	1345.65	0.00	0.00
5/15/2007	103	1340.71	1340	1339	1338.88	1.12	2.01	1340.23	-0.23	0.00	1342.60	0.00	0.00	1345.61	0.00	0.00	1345.69	0.00	0.00
5/16/2007	103	1340.82	1340	1339	1338.90	1.10	1.98	1340.09	-0.09	0.00	1342.52	0.00	0.00	1345.63	0.00	0.00	1345.71	0.00	0.00
5/17/2007	167	1340.87	1340	1339	1338.84	1.16	2.09	1339.96	0.04	0.07	1342.50	0.00	0.00	1345.65	0.00	0.00	1345.72	0.00	0.00
5/18/2007	205	1340.87	1340	1339	1338.86	1.14	2.05	1339.89	0.11	0.21	1342.36	0.00	0.00	1345.61	0.00	0.00	1345.72	0.00	0.00
5/19/2007	203	1340.84	1340	1339	1338.87	1.13	2.03	1339.77	0.23	0.42	1342.19	0.00	0.00	1345.61	0.00	0.00	1345.70	0.00	0.00
5/20/2007	202	1340.78	1340	1339	1338.89	1.11	2.00	1339.73	0.27	0.48	1342.01	0.00	0.00	1345.61	0.00	0.00	1345.70	0.00	0.00
5/21/2007	168	1340.76	1340	1339	1338.88	1.12	2.01	1339.60	0.40	0.73	1342.04	0.00	0.00	1345.61	0.00	0.00	1345.66	0.00	0.00
5/22/2007	121	1340.76	1340	1339	1338.87	1.13	2.04	1339.45	0.55	0.99	1342.03	0.00	0.00	1345.60	0.00	0.00	1345.62	0.00	0.00
5/23/2007	106	1340.79	1340	1339	1338.95	1.05	1.88	1339.29	0.71	1.27	1341.94	0.00	0.00	1345.60	0.00	0.00	1345.60	0.00	0.00
5/24/2007	106	1340.81	1340	1339	1338.98	1.02	1.84	1339.19	0.81	1.46	1341.84	0.00	0.00	1345.60	0.00	0.00	1345.60	0.00	0.00
5/25/2007	106	1340.83	1340	1339	1338.96	1.04	1.87	1339.17	0.83	1.50	1342.11	0.00	0.00	1345.59	0.00	0.00	1345.60	0.00	0.00
5/26/2007	106	1340.78	1340	1339	1338.93	1.07	1.82	1339.09	0.91	1.64	1342.32	0.00	0.00	1345.60	0.00	0.00	1345.60	0.00	0.00
5/27/2007	106	1340.81	1340	1339	1338.95	1.05	1.88	1339.13	0.87	1.57	1342.29	0.00	0.00	1345.60	0.00	0.00	1345.60	0.00	0.00
5/28/2007	106	1340.77	1340	1339	1338.93	1.07	1.83	1338.99	1.01	1.81	1342.26	0.00	0.00	1345.60	0.00	0.00	1345.60	0.00	0.00
5/29/2007	106	1340.76	1340	1339	1338.89	1.11	1.99	1338.99	1.01	1.82	1342.19	0.00	0.00	1345.60	0.00	0.00	1345.60	0.00	0.00
5/30/2007	105	1340.76	1340	1339	1338.86	1.14	2.05	1338.97	1.03	1.85	1342.09	0.00	0.00	1345.60	0.00	0.00	1345.60	0.00	0.00
5/31/2007	104	1340.74	1340	1339	1338.85	1.15	2.07	1338.95	1.06	1.89	1342.15	0.00	0.00	1345.60	0.00	0.00	1345.60	0.00	0.00
6/1/2007	104	1340.72	1341	1339	1338.83	2.17	3.91	1338.94	2.06	3.70	1342.19	0.00	0.00	1345.63	0.00	0.00	1345.60	0.00	0.00
6/2/2007	104	1340.70	1341	1339	1338.75	2.25	4.05	1338.99	2.01	3.63	1342.04	0.00	0.00	1345.51	0.00	0.00	1345.60	0.00	0.00
6/3/2007	104	1340.69	1341	1339	1338.69	2.31	4.17	1338.98	2.02	3.63	1341.96	0.00	0.00	1345.50	0.00	0.00	1345.60	0.00	0.00
6/4/2007	104	1340.34	1341	1339	1338.66	2.34	4.20	1338.97	2.03	3.66	1341.86	0.00	0.00	1345.48	0.00	0.00	1345.60	0.00	0.00
6/5/2007	104	1340.56	1341	1339	1338.71	2.29	4.13	1338.97	2.03	3.65	1341.80	0.00	0.00	1345.39	0.00	0.00	1345.60	0.00	0.00

6/6/2007	104	1340.52	1341	1339	1338.72	2.28	4.11	1338.99	2.01	3.62	1341.85	0.00	0.00	1345.31	0.00	0.00	1345.60	0.00	0.00
6/7/2007	104	1340.49	1341	1339	1338.75	2.25	4.06	1339.05	1.95	3.51	1341.87	0.00	0.00	1345.23	0.00	0.00	1345.60	0.00	0.00
6/8/2007	104	1340.50	1341	1339	1338.80	2.20	3.97	1339.07	1.93	3.47	1342.24	0.00	0.00	1345.11	0.00	0.00	1345.60	0.00	0.00
6/9/2007	104	1340.42	1341	1339	1338.74	2.26	4.07	1339.16	1.84	3.32	1342.26	0.00	0.00	1345.01	0.00	0.00	1345.60	0.00	0.00
6/10/2007	104	1340.37	1341	1339	1338.77	2.23	4.01	1339.24	1.76	3.17	1342.25	0.00	0.00	1344.88	0.00	0.00	1345.64	0.00	0.00
6/11/2007	104	1340.33	1341	1339	1338.78	2.22	4.00	1339.27	1.73	3.11	1342.20	0.00	0.00	1344.79	0.00	0.00	1345.64	0.00	0.00
6/12/2007	104	1340.28	1341	1339	1338.86	2.14	3.86	1339.33	1.67	3.00	1342.10	0.00	0.00	1344.74	0.00	0.00	1345.61	0.00	0.00
6/13/2007	104	1340.24	1341	1339	1338.90	2.10	3.78	1339.39	1.61	2.89	1341.97	0.00	0.00	1344.93	0.00	0.00	1345.60	0.00	0.00
6/14/2007	104	1340.18	1341	1339	1338.91	2.09	3.76	1339.47	1.53	2.76	1341.81	0.00	0.00	1345.03	0.00	0.00	1345.61	0.00	0.00
6/15/2007	104	1340.15	1341	1339	1338.94	2.06	3.71	1339.47	1.53	2.75	1341.69	0.00	0.00	1345.08	0.00	0.00	1345.60	0.00	0.00
6/16/2007	104	1340.10	1341	1339	1338.94	2.06	3.71	1339.54	1.46	2.63	1341.59	0.00	0.00	1345.18	0.00	0.00	1345.60	0.00	0.00
6/17/2007	104	1340.04	1341	1339	1338.93	2.07	3.73	1339.58	1.42	2.65	1341.56	0.00	0.00	1345.55	0.00	0.00	1345.60	0.00	0.00
6/18/2007	104	1340.06	1341	1339	1339.06	1.94	3.49	1339.60	1.40	2.51	1341.52	0.00	0.00	1345.60	0.00	0.00	1345.61	0.00	0.00
6/19/2007	104	1340.17	1341	1339	1339.07	1.93	3.47	1339.65	1.35	2.42	1341.36	0.00	0.00	1345.60	0.00	0.00	1345.61	0.00	0.00
6/20/2007	104	1340.14	1341	1339	1339.05	1.95	3.51	1339.82	1.18	2.13	1341.30	0.00	0.00	1345.60	0.00	0.00	1345.61	0.00	0.00
6/21/2007	104	1340.14	1341	1339	1338.98	2.02	3.64	1340.13	0.87	1.57	1341.21	0.00	0.00	1345.60	0.00	0.00	1345.61	0.00	0.00
6/22/2007	104	1340.11	1341	1339	1339.05	1.95	3.51	1340.40	0.60	1.09	1341.13	0.00	0.00	1345.60	0.00	0.00	1345.65	0.00	0.00
6/23/2007	104	1340.11	1341	1339	1339.12	1.88	3.38	1340.49	0.51	0.93	1341.04	0.00	0.00	1345.60	0.00	0.00	1345.64	0.00	0.00
6/24/2007	104	1340.08	1341	1339	1339.30	1.70	3.07	1340.54	0.46	0.83	1340.99	0.01	0.01	1345.60	0.00	0.00	1345.64	0.00	0.00
6/25/2007	104	1340.04	1341	1339	1339.35	1.65	2.97	1340.61	0.39	0.70	1340.99	0.01	0.01	1345.60	0.00	0.00	1345.67	0.00	0.00
6/26/2007	104	1340.01	1341	1339	1339.45	1.55	2.78	1340.62	0.38	0.69	1340.99	0.01	0.01	1345.61	0.00	0.00	1345.68	0.00	0.00
6/27/2007	104	1339.99	1341	1339	1339.60	1.40	2.52	1340.68	0.32	0.58	1340.99	0.01	0.01	1345.61	0.00	0.00	1345.70	0.00	0.00
6/28/2007	104	1339.88	1341	1339	1339.71	1.29	2.32	1340.64	0.35	0.65	1340.99	0.01	0.01	1345.62	0.00	0.00	1345.68	0.00	0.00
6/29/2007	97	1339.82	1341	1339	1339.81	1.19	2.15	1340.67	0.33	0.60	1340.99	0.01	0.01	1345.62	0.00	0.00	1345.72	0.00	0.00
6/30/2007	92	1339.76	1341	1339	1339.90	1.10	1.98	1340.69	0.31	0.56	1340.99	0.01	0.01	1345.61	0.00	0.00	1345.69	0.00	0.00
7/1/2007	92	1339.70	1341	1339.5	1339.93	1.07	1.92	1340.68	0.32	0.58	1340.99	0.01	0.01	1345.60	0.00	0.00	1345.70	0.00	0.00
7/2/2007	94	1339.66	1341	1339.5	1339.87	1.13	2.04	1340.69	0.31	0.56	1340.99	0.01	0.01	1345.60	0.00	0.00	1345.70	0.00	0.00
7/3/2007	95	1339.61	1341	1339.5	1339.87	1.13	2.03	1340.71	0.29	0.52	1340.99	0.01	0.01	1345.60	0.00	0.00	1345.66	0.00	0.00
7/4/2007	95	1339.58	1341	1339.5	1339.84	1.16	2.09	1340.76	0.24	0.43	1340.99	0.01	0.01	1345.53	0.00	0.00	1345.72	0.00	0.00
7/5/2007	94	1339.53	1341	1339.5	1339.92	1.08	1.94	1340.77	0.23	0.42	1340.99	0.01	0.01	1345.46	0.00	0.00	1345.67	0.00	0.00
7/6/2007	94	1339.47	1341	1339.5	1339.93	1.07	1.93	1340.79	0.21	0.38	1340.99	0.01	0.01	1345.38	0.00	0.00	1345.66	0.00	0.00
7/7/2007	94	1339.42	1341	1339.5	1339.93	1.07	1.92	1340.80	0.20	0.37	1340.99	0.01	0.01	1345.28	0.00	0.00	1345.62	0.00	0.00
7/8/2007	95	1339.41	1341	1339.5	1340.25	0.75	1.35	1340.75	0.25	0.45	1340.99	0.01	0.01	1345.19	0.00	0.00	1345.61	0.00	0.00
7/9/2007	107	1339.47	1341	1339.5	1340.29	0.71	1.27	1340.78	0.22	0.40	1340.99	0.01	0.01	1345.10	0.00	0.00	1345.68	0.00	0.00
7/10/2007	94	1337.78	1341	1339.5	1340.21	0.79	1.42	1340.83	0.17	0.30	1340.99	0.01	0.01	1345.09	0.00	0.00	1345.67	0.00	0.00
7/11/2007	94	1339.30	1341	1339.5	1340.15	0.85	1.53	1340.77	0.23	0.41	1340.99	0.01	0.01	1345.05	0.00	0.00	1345.63	0.00	0.00
7/12/2007	94	1339.24	1341	1339.5	1340.09	0.91	1.64	1340.76	0.24	0.43	1340.99	0.02	0.03	1345.02	0.00	0.00	1345.55	0.00	0.00
7/13/2007	94	1339.17	1341	1339.5	1340.09	0.91	1.64	1340.80	0.20	0.36	1340.99	0.01	0.01	1345.00	0.00	0.00	1345.47	0.00	0.00
7/14/2007	87	1338.10	1341	1339.5	1340.02	0.98	1.76	1340.82	0.18	0.33	1340.99	0.01	0.01	1344.90	0.00	0.00	1345.39	0.00	0.00
7/15/2007	95	1339.16	1341	1339.5	1340.00	1.00	1.81	1340.81	0.19	0.35	1340.99	0.01	0.01	1344.99	0.00	0.00	1345.26	0.00	0.00
7/16/2007	96	1339.10	1341	1339.5	1339.92	1.08	1.94	1340.77	0.23	0.41	1340.99	0.01	0.01	1344.84	0.00	0.00	1345.19	0.00	0.00
7/17/2007	95	1339.06	1341	1339.5	1339.91	1.09	1.96	1340.71	0.29	0.53	1340.99	0.01	0.01	1344.69	0.00	0.00	1345.12	0.00	0.00
7/18/2007	95	1339.01	1341	1339.5	1339.88	1.12	2.02	1340.65	0.35	0.63	1340.99	0.01	0.01	1344.55	0.00	0.00	1345.05	0.00	0.00
7/19/2007	95	1338.97	1341	1339.5	1339.84	1.16	2.09	1340.57	0.43	0.77	1340.99	0.01	0.01	1344.41	0.00	0.00	1344.94	0.00	0.00
7/20/2007	95	1338.91	1341	1339.5	1339.76	1.24	2.23	1340.55	0.45	0.80	1340.99	0.01	0.01	1344.27	0.00	0.00	1344.82	0.00	0.00
7/21/2007	96	1338.85	1341	1339.5	1339.69	1.31	2.36	1340.51	0.49	0.89	1340.99	0.02	0.03	1344.12	0.00	0.00	1344.65	0.00	0.00
7/22/2007	95	1338.80	1341	1339.5	1339.62	1.38	2.49	1340.46	0.54	0.97	1340.99	0.01	0.01	1343.95	0.00	0.00	1344.55	0.00	0.00
7/23/2007	95	1338.82	1341	1339.5	1339.57	1.43	2.57	1340.39	0.51	1.10	1340.99	0.01	0.01	1343.86	0.00	0.00	1344.41	0.00	0.00
7/24/2007	95	1338.70	1341	1339.5	1339.50	1.50	2.70	1340.37	0.63	1.13	1340.99	0.01	0.01	1343.77	0.00	0.00	1344.26	0.00	0.00
7/25/2007	95	1338.65	1341	1339.5	1339.46	1.54	2.77	1340.32	0.68	1.23	1340.99	0.01	0.01	1343.62	0.00	0.00	1344.09	0.00	0.00
7/26/2007	88	1338.60	1341	1339.5	1339.40	1.60	2.88	1340.28	0.72	1.30	1340.99	0.01	0.01	1343.52	0.00	0.00	1343.97	0.00	0.00
7/27/2007	83	1338.60	1341	1339.5	1339.32	1.68	3.03	1340.23	0.77	1.39	1340.99	0.01	0.01	1343.40	0.00	0.00	1343.84	0.00	0.00
7/28/2007	83	1338.55	1341	1339.5	1339.23	1.77	3.19	1340.20	0.80	1.45	1340.99	0.01	0.01	1343.27	0.00	0.00	1343.66	0.00	0.00
7/29/2007	83	1338.51	1341	1339.5	1339.16	1.84	3.32	1340.14	0.86	1.55	1340.99	0.01	0.01	1343.12	0.00	0.00	1343.54	0.00	0.00
7/30/2007	83	1338.50	1341	1339.5	1339.13	1.87	3.37	1340.12	0.88	1.58	1340.99	0.01	0.01	1342.97	0.00	0.00	1343.37	0.00	0.00
7/31/2007	82	1338.46	1341	1339.5	1339.07	1.93	3.48	1340.10	0.90	1.63	1340.99	0.01	0.01	1342.80	0.00	0.00	1343.22	0.00	0.00
8/1/2007	83	1338.42	1341	1339.5	1339.01	1.99	3.56	1340.05	0.95	1.71	1340.99	0.01	0.01	1342.66	0.00	0.00	1343.07	0.00	0.00
8/2/2007	83	1338.36	1341	1339.5	1338.93	2.07	3.73	1340.04	0.96	1.74	1340.99	0.01	0.01	1342.64	0.00	0.00	1342.91	0.00	0.00

8/3/2007	83	1338.26	1341	1339.5	1338.89	2.11	3.60	1340.02	0.98	1.77	1340.99	0.01	0.01	1342.52	0.00	0.00	1342.78	0.00	0.00
8/4/2007	83	1338.18	1341	1339.5	1338.86	2.14	3.85	1340.01	0.99	1.78	1340.98	0.02	0.03	1342.44	0.00	0.00	1342.70	0.00	0.00
8/5/2007	83	1338.13	1341	1339.5	1338.83	2.17	3.91	1340.01	0.99	1.78	1340.97	0.03	0.05	1342.29	0.00	0.00	1342.60	0.00	0.00
8/6/2007	83	1338.07	1341	1339.5	1338.81	2.19	3.95	1340.02	0.98	1.78	1340.97	0.03	0.05	1342.11	0.00	0.00	1342.46	0.00	0.00
8/7/2007	82	1338.03	1341	1339.5	1338.72	2.28	4.11	1340.01	0.99	1.78	1340.98	0.02	0.03	1341.92	0.00	0.00	1342.28	0.00	0.00
8/8/2007	83	1337.95	1341	1339.5	1338.64	2.36	4.26	1340.00	1.00	1.80	1340.99	0.01	0.02	1341.71	0.00	0.00	1342.10	0.00	0.00
8/9/2007	89	1337.87	1341	1339.5	1338.54	2.46	4.42	1340.00	1.00	1.81	1340.99	0.01	0.02	1341.51	0.00	0.00	1341.90	0.00	0.00
8/10/2007	82	1337.81	1341	1339.5	1338.46	2.54	4.57	1339.99	1.01	1.81	1340.98	0.02	0.03	1341.31	0.00	0.00	1341.71	0.00	0.00
8/11/2007	82	1337.76	1341	1339.5	1338.38	2.62	4.71	1339.94	1.06	1.90	1340.98	0.02	0.04	1341.21	0.00	0.00	1341.72	0.00	0.00
8/12/2007	82	1337.71	1341	1339.5	1338.30	2.70	4.85	1339.96	1.04	1.89	1340.97	0.03	0.05	1341.01	0.00	0.00	1342.70	0.00	0.00
8/13/2007	82	1337.63	1341	1339.5	1338.23	2.77	4.89	1339.94	1.06	1.90	1340.97	0.03	0.05	1340.99	0.01	0.01	1342.55	0.00	0.00
8/14/2007	82	1337.59	1341	1339.5	1338.19	2.81	5.06	1339.92	1.08	1.94	1340.95	0.05	0.09	1340.98	0.02	0.03	1342.39	0.00	0.00
8/15/2007	82	1337.50	1341	1339.5	1338.17	2.83	5.09	1339.90	1.10	1.97	1340.97	0.03	0.05	1340.99	0.01	0.01	1342.25	0.00	0.00
8/16/2007	82	1337.46	1341	1339.5	1338.14	2.86	5.15	1339.87	1.13	2.03	1340.97	0.03	0.06	1340.99	0.01	0.01	1342.11	0.00	0.00
8/17/2007	82	1337.39	1341	1339.5	1338.12	2.88	5.19	1339.79	1.21	2.17	1340.95	0.05	0.09	1340.99	0.01	0.01	1341.91	0.00	0.00
8/18/2007	82	1337.29	1341	1339.5	1338.09	2.91	5.24	1339.71	1.29	2.33	1340.96	0.04	0.08	1340.98	0.02	0.03	1341.72	0.00	0.00
8/19/2007	82	1337.23	1341	1339.5	1338.06	2.94	5.29	1339.63	1.37	2.47	1340.95	0.05	0.09	1340.98	0.02	0.03	1341.53	0.00	0.00
8/20/2007	82	1337.15	1341	1339.5	1338.05	2.95	5.32	1339.54	1.46	2.62	1340.94	0.06	0.11	1340.99	0.01	0.02	1341.36	0.00	0.00
8/21/2007	82	1337.11	1341	1339.5	1338.00	3.00	5.39	1339.46	1.54	2.77	1340.91	0.09	0.16	1340.99	0.01	0.01	1341.17	0.00	0.00
8/22/2007	82	1337.07	1341	1339.5	1338.00	3.00	5.40	1339.37	1.63	2.93	1340.89	0.11	0.19	1340.99	0.01	0.01	1341.13	0.00	0.00
8/23/2007	82	1337.03	1341	1339.5	1337.96	3.04	5.48	1339.30	1.70	3.06	1340.89	0.11	0.19	1340.99	0.01	0.02	1341.11	0.00	0.00
8/24/2007	82	1336.98	1341	1339.5	1337.91	3.09	5.55	1339.22	1.78	3.21	1340.90	0.10	0.18	1340.99	0.01	0.02	1341.08	0.00	0.00
8/25/2007	82	1336.93	1341	1339.5	1337.88	3.12	5.61	1339.14	1.86	3.35	1340.89	0.11	0.19	1340.99	0.01	0.01	1341.04	0.00	0.00
8/26/2007	82	1336.86	1341	1339.5	1337.88	3.12	5.62	1339.08	1.92	3.46	1340.88	0.12	0.22	1340.99	0.01	0.01	1341.03	0.00	0.00
8/27/2007	83	1336.95	1341	1339.5	1337.88	3.12	5.61	1339.01	1.99	3.58	1340.87	0.13	0.23	1340.99	0.01	0.01	1341.02	0.00	0.00
8/28/2007	82	1336.80	1341	1339.5	1337.80	3.20	5.76	1338.94	2.06	3.71	1340.88	0.12	0.22	1340.98	0.02	0.04	1340.99	0.01	0.01
8/29/2007	82	1336.78	1341	1339.5	1337.72	3.28	5.90	1338.87	2.13	3.84	1340.87	0.13	0.24	1340.97	0.03	0.05	1340.99	0.01	0.01
8/30/2007	82	1336.72	1341	1339.5	1337.63	3.37	6.05	1338.83	2.17	3.91	1340.87	0.13	0.23	1340.97	0.03	0.05	1340.99	0.01	0.01
8/31/2007	82	1336.67	1341	1339.5	1337.53	3.47	6.24	1338.76	2.24	4.03	1340.90	0.10	0.18	1340.99	0.01	0.01	1340.99	0.01	0.01
9/1/2007	81	1336.62	1341	1339.5	1337.47	3.53	6.35	1338.81	2.19	3.95	1340.91	0.09	0.16	1340.99	0.01	0.01	1340.99	0.01	0.01
9/2/2007	81	1336.58	1341	1339.5	1337.43	3.57	6.42	1338.74	2.26	4.06	1340.90	0.10	0.18	1340.99	0.01	0.01	1340.99	0.01	0.01
9/3/2007	81	1336.50	1341	1339.5	1337.47	3.53	6.35	1339.69	2.31	4.15	1340.83	0.17	0.30	1340.99	0.01	0.01	1340.99	0.01	0.01
9/4/2007	82	1336.83	1341	1339.5	1337.53	3.47	6.24	1338.66	2.34	4.21	1340.87	0.33	0.60	1340.87	0.13	0.23	1340.94	0.06	0.10
9/5/2007	81	1337.17	1341	1339.5	1337.56	3.44	6.18	1338.72	2.28	4.11	1340.67	0.43	0.78	1340.77	0.23	0.41	1340.85	0.15	0.27
9/6/2007	80	1337.26	1341	1339.5	1337.71	3.29	5.93	1338.72	2.28	4.10	1340.37	0.63	1.14	1340.66	0.34	0.61	1340.77	0.23	0.41
9/7/2007	81	1337.32	1341	1339.5	1337.66	3.34	6.02	1338.75	2.25	4.06	1340.18	0.82	1.47	1340.55	0.45	0.81	1340.61	0.39	0.70
9/8/2007	81	1337.29	1341	1339.5	1337.61	3.39	6.11	1338.67	2.33	4.19	1340.05	0.95	1.71	1340.35	0.65	1.17	1340.54	0.46	0.83
9/9/2007	81	1337.29	1341	1339.5	1337.62	3.38	6.08	1338.64	2.36	4.24	1339.93	1.07	1.93	1340.23	0.77	1.38	1340.39	0.61	1.11
9/10/2007	81	1337.27	1341	1339.5	1337.65	3.35	6.02	1338.70	2.30	4.15	1339.68	1.32	2.38	1340.09	0.91	1.64	1340.24	0.76	1.36
9/11/2007	80	1337.31	1341	1339.5	1337.64	3.36	6.06	1338.73	2.27	4.09	1339.56	1.44	2.59	1339.98	1.02	1.83	1340.16	0.84	1.52
9/12/2007	80	1337.26	1341	1339.5	1337.61	3.39	6.11	1338.73	2.27	4.08	1339.50	1.50	2.71	1339.78	1.24	2.23	1340.00	1.00	1.80
9/13/2007	80	1337.27	1341	1339.5	1337.62	3.38	6.09	1338.75	2.25	4.04	1339.50	1.50	2.71	1339.68	1.32	2.37	1339.83	1.17	2.11
9/14/2007	80	1337.25	1341	1339.5	1337.58	3.42	6.16	1338.77	2.23	4.01	1339.50	1.50	2.71	1339.51	1.49	2.68	1339.68	1.32	2.38
9/15/2007	80	1337.21	1341	1339.5	1337.56	3.44	6.20	1338.74	2.26	4.07	1339.50	1.50	2.71	1339.50	1.50	2.71	1339.51	1.49	2.68
9/16/2007	81	1337.19	1341	1339.5	1337.60	3.40	6.12	1338.87	2.13	3.84	1339.50	1.50	2.71	1339.50	1.50	2.71	1339.50	1.50	2.71
9/17/2007	81	1337.16	1341	1339.5	1337.67	3.33	6.00	1338.91	2.09	3.76	1339.50	1.50	2.71	1339.50	1.50	2.71	1339.52	1.48	2.67
9/18/2007	81	1337.15	1341	1339.5	1337.90	3.10	5.88	1339.24	1.76	3.18	1339.49	1.51	2.72	1339.50	1.50	2.71	1339.53	1.47	2.64
9/19/2007	81	1337.21	1341	1339.5	1338.08	2.92	5.25	1339.26	1.74	3.13	1339.48	1.52	2.73	1339.50	1.50	2.71	1339.60	1.40	2.63
9/20/2007	81	1337.16	1341	1339.5	1338.03	2.97	5.35	1339.28	1.72	3.10	1339.49	1.51	2.71	1339.54	1.46	2.63	1339.76	1.24	2.23
9/21/2007	81	1337.21	1341	1339.5	1338.09	2.91	5.24	1339.30	1.70	3.06	1339.47	1.53	2.76	1339.51	1.49	2.68	1339.68	1.32	2.38
9/22/2007	83	1337.43	1341	1339.5	1338.07	2.93	5.27	1339.34	1.66	2.99	1339.49	1.51	2.73	1339.51	1.49	2.69	1339.54	1.46	2.63
9/23/2007	83	1337.55	1341	1339.5	1338.05	2.95	5.31	1339.38	1.62	2.92	1339.50	1.50	2.71	1339.50	1.50	2.71	1339.80	1.20	2.17
9/24/2007	83	1337.65	1341	1339.5	1338.10	2.80	5.22	1339.42	1.58	2.85	1339.49	1.51	2.73	1339.51	1.49	2.67	1339.76	1.24	2.23
9/25/2007	83	1337.75	1341	1339.5	1338.09	2.91	5.23	1339.42	1.58	2.85	1339.50	1.50	2.71	1339.51	1.49	2.69	1339.63	1.37	2.46
9/26/2007	83	1337.73	1341	1339.5	1338.14	2.86	5.15	1339.44	1.56	2.80	1339.50	1.50	2.71	1339.51	1.49	2.69	1339.69	1.31	2.36
9/27/2007	83	1337.75	1341	1339.5	1338.14	2.86	5.14	1339.42	1.58	2.85	1339.50	1.50	2.71	1339.54	1.46	2.63	1339.72	1.28	2.31
9/28/2007	84	1337.76	1341	1339.5	1338.12	2.88	5.19	1339.40	1.60	2.87	1339.49	1.51	2.72	1339.50	1.50	2.71	1339.68	1.32	2.38
9/29/2007	84	1337.77	1341	1339.5	1338.14	2.86	5.16	1339.36	1.64	2.95	1339.50	1.50	2.71	1339.50	1.50	2.71	1339.52	1.48	2.66

9/30/2007	84	1337.78	1341	1339.5	1338.06	2.94	5.28	1339.36	1.64	2.96	1339.50	1.50	2.71	1339.56	1.44	2.59	1339.67	1.33	2.39
10/1/2007	84	1337.79	1341	1339.5	1338.10	2.90	5.22	1339.35	1.65	2.97	1339.50	1.50	2.71	1339.50	1.50	2.71	1338.69	1.31	2.35
10/2/2007	84	1337.78	1341	1339.5	1338.20	2.80	5.04	1339.35	1.65	2.97	1339.50	1.50	2.71	1339.52	1.48	2.67	1339.60	1.40	2.52
10/3/2007	84	1337.84	1341	1339.5	1338.21	2.79	5.02	1339.35	1.65	2.98	1339.49	1.51	2.72	1339.50	1.50	2.71	1339.50	1.50	2.70
10/4/2007	84	1337.82	1341	1339.5	1338.18	2.82	5.07	1339.37	1.63	2.93	1339.50	1.50	2.71	1339.50	1.50	2.71	1339.50	1.50	2.71
10/5/2007	85	1337.81	1341	1339.5	1338.16	2.84	5.12	1339.35	1.65	2.97	1339.49	1.51	2.72	1339.50	1.50	2.71	1339.50	1.50	2.71
10/6/2007	86	1337.95	1341	1339.5	1338.14	2.86	5.15	1339.34	1.66	2.98	1339.49	1.51	2.73	1339.50	1.50	2.71	1339.50	1.50	2.71
10/7/2007	86	1338.22	1341	1339.5	1338.15	2.85	5.13	1339.30	1.70	3.07	1339.50	1.50	2.71	1339.50	1.50	2.71	1339.56	1.44	2.60
10/8/2007	84	1338.46	1341	1339.5	1338.19	2.81	5.07	1339.28	1.72	3.10	1339.50	1.50	2.71	1339.50	1.50	2.71	1339.52	1.48	2.66
10/9/2007	82	1338.70	1341	1339.5	1338.22	2.78	5.00	1339.24	1.76	3.16	1339.50	1.50	2.71	1339.50	1.50	2.71	1339.54	1.46	2.63
10/10/2007	82	1339.09	1341	1339.5	1338.23	2.77	4.99	1339.30	1.70	3.07	1339.50	1.50	2.71	1339.50	1.50	2.71	1339.77	1.23	2.21
10/11/2007	83	1339.72	1341	1339.5	1338.25	2.75	4.96	1339.26	1.74	3.13	1339.50	1.50	2.71	1339.54	1.46	2.62	1339.84	1.16	2.09
10/12/2007	83	1340.33	1341	1339.5	1338.26	2.74	4.93	1339.21	1.79	3.22	1339.50	1.50	2.71	1339.59	1.41	2.54	1339.94	1.06	1.97
10/13/2007	83	1340.73	1341	1339.5	1338.29	2.71	4.88	1339.26	1.74	3.14	1339.50	1.50	2.71	1339.61	1.39	2.50	1340.03	0.97	1.74
10/14/2007	83	1340.98	1341	1339.5	1338.30	2.70	4.86	1339.22	1.78	3.20	1339.50	1.50	2.71	1339.63	1.37	2.47	1339.92	1.08	1.98
10/15/2007	89	1341.15	1341	1339.5	1338.34	2.66	4.79	1339.20	1.80	3.25	1339.50	1.50	2.71	1339.73	1.27	2.29	1340.00	1.00	1.80
10/16/2007	101	1341.27	1341	1339.5	1338.35	2.65	4.78	1339.22	1.78	3.20	1339.50	1.50	2.71	1339.73	1.27	2.29	1340.34	0.66	1.20
10/17/2007	267	1341.35	1341	1339.5	1338.40	2.60	4.67	1339.23	1.77	3.18	1339.50	1.50	2.71	1339.60	1.40	2.51	1340.31	0.69	1.25
10/18/2007	359	1341.28	1341	1339.5	1338.43	2.57	4.63	1339.26	1.74	3.13	1339.50	1.50	2.71	1339.54	1.46	2.62	1340.21	0.79	1.42
10/19/2007	354	1341.34	1341	1339.5	1338.57	2.43	4.38	1339.36	1.64	2.95	1339.50	1.50	2.71	1339.51	1.49	2.68	1340.10	0.90	1.82
10/20/2007	359	1341.37	1341	1339.5	1338.63	2.37	4.27	1339.38	1.62	2.92	1339.50	1.50	2.71	1339.50	1.50	2.71	1339.95	1.05	1.88
10/21/2007	359	1341.34	1341	1339.5	1338.60	2.40	4.32	1339.42	1.58	2.84	1339.50	1.50	2.71	1339.55	1.45	2.61	1340.15	0.85	1.53
10/22/2007	372	1341.28	1341	1339.5	1338.66	2.34	4.21	1339.36	1.64	2.95	1339.50	1.50	2.71	1339.57	1.43	2.59	1340.40	0.60	1.08
10/23/2007	352	1341.02	1341	1339.5	1338.78	2.22	3.99	1339.33	1.67	3.00	1339.50	1.50	2.71	1339.51	1.49	2.69	1340.27	0.73	1.31
10/24/2007	350	1341.09	1341	1339.5	1338.83	2.17	3.90	1339.34	1.66	2.98	1339.50	1.50	2.71	1338.71	1.29	2.32	1340.67	0.33	0.59
10/25/2007	345	1340.97	1341	1339.5	1338.82	2.18	3.93	1339.37	1.63	2.94	1339.50	1.50	2.71	1339.90	1.10	1.99	1340.72	0.28	0.51
10/26/2007	266	1340.89	1341	1339.5	1338.81	2.19	3.94	1339.34	1.66	2.98	1339.50	1.50	2.71	1338.65	1.35	2.44	1340.74	0.26	0.47
10/27/2007	208	1340.90	1341	1339.5	1338.88	2.12	3.82	1339.38	1.62	2.92	1339.50	1.50	2.71	1339.61	1.39	2.49	1340.74	0.26	0.47
10/28/2007	170	1340.85	1341	1339.5	1338.84	2.16	3.90	1339.36	1.64	2.95	1339.50	1.50	2.71	1339.67	1.33	2.39	1340.73	0.27	0.49
10/29/2007	117	1340.87	1341	1339.5	1338.81	2.19	3.94	1339.39	1.61	2.90	1339.50	1.50	2.71	1338.68	1.32	2.38	1340.69	0.31	0.55
10/30/2007	105	1340.90	1341	1339.5	1338.79	2.21	3.97	1339.39	1.61	2.90	1339.50	1.50	2.71	1340.33	0.67	1.21	1341.15	0.00	0.00
10/31/2007	110	1340.98	1341	1339.5	1338.81	2.19	3.95	1339.43	1.57	2.83	1339.50	1.50	2.71	1340.31	0.69	1.25	1341.10	0.00	0.00
11/1/2007	112	1340.93	1341	1339.5	1338.81	2.19	3.95	1339.42	1.58	2.84	1339.54	1.46	2.62	1340.29	0.71	1.27	1340.98	0.02	0.04
11/2/2007	121	1340.92	1341	1339.5	1338.80	2.20	3.97	1339.44	1.56	2.80	1339.51	1.49	2.67	1340.25	0.75	1.34	1340.85	0.15	0.27
11/3/2007	128	1340.90	1341	1339.5	1338.81	2.19	3.94	1339.44	1.56	2.81	1339.51	1.49	2.68	1340.39	0.81	1.09	1340.90	0.10	0.19
11/4/2007	132	1340.88	1341	1339.5	1338.75	2.25	4.05	1339.42	1.58	2.84	1339.50	1.50	2.70	1340.52	0.48	0.87	1340.92	0.08	0.15
11/5/2007	115	1340.93	1341	1339.5	1338.79	2.21	3.97	1339.40	1.60	2.87	1339.50	1.50	2.70	1340.39	0.61	1.10	1340.78	0.22	0.40
11/6/2007	233	1340.95	1341	1339.5	1338.78	2.22	3.99	1339.42	1.58	2.85	1339.50	1.50	2.70	1340.36	0.64	1.16	1340.62	0.38	0.68
11/7/2007	320	1340.77	1341	1339.5	1338.88	2.12	3.82	1339.37	1.63	2.94	1339.50	1.50	2.70	1340.28	0.72	1.29	1340.46	0.54	0.98
11/8/2007	265	1340.71	1341	1339.5	1338.88	2.12	3.81	1339.32	1.68	3.02	1339.50	1.50	2.70	1340.24	0.76	1.38	1340.32	0.68	1.22
11/9/2007	177	1340.66	1341	1339.5	1338.93	2.07	3.73	1339.34	1.66	2.99	1339.50	1.50	2.70	1340.11	0.89	1.61	1340.18	0.82	1.47
11/10/2007	150	1340.64	1341	1339.5	1339.04	1.96	3.54	1339.32	1.68	3.02	1339.50	1.50	2.70	1339.95	1.05	1.89	1340.13	0.87	1.57
11/11/2007	150	1340.65	1341	1339.5	1339.06	1.94	3.49	1339.31	1.69	3.04	1339.50	1.50	2.70	1339.86	1.14	2.08	1340.46	0.54	0.98
11/12/2007	157	1340.68	1341	1339.5	1339.05	1.95	3.51	1339.37	1.63	2.93	1339.50	1.50	2.70	1339.77	1.23	2.21	1340.49	0.51	0.91
11/13/2007	186	1340.73	1341	1339.5	1339.06	1.94	3.49	1339.41	1.59	2.87	1339.50	1.50	2.70	1339.96	1.04	1.87	1340.41	0.59	1.07
11/14/2007	199	1340.80	1341	1339.5	1339.07	1.93	3.47	1339.37	1.63	2.93	1339.50	1.50	2.70	1340.13	0.87	1.57	1340.39	0.61	1.09
11/15/2007	302	1340.83	1341	1339.5	1339.11	1.89	3.40	1339.44	1.56	2.81	1339.50	1.50	2.70	1340.17	0.83	1.50	1340.33	0.67	1.21
11/16/2007	354	1340.73	1341	1339.5	1339.06	1.94	3.50	1339.45	1.55	2.78	1339.50	1.50	2.70	1340.06	0.94	1.70	1340.32	0.68	1.23
11/17/2007	288	1340.65	1341	1339.5	1339.05	1.95	3.52	1339.47	1.53	2.76	1339.50	1.50	2.70	1340.04	0.96	1.72	1340.18	0.82	1.47
11/18/2007	209	1340.63	1341	1339.5	1339.04	1.96	3.53	1339.47	1.53	2.76	1339.51	1.49	2.68	1339.90	1.10	1.96	1340.04	0.96	1.72
11/19/2007	214	1340.63	1341	1339.5	1339.04	1.96	3.52	1339.50	1.50	2.71	1339.50	1.50	2.70	1339.89	1.11	2.00	1340.05	0.95	1.71
11/20/2007	212	1340.60	1341	1339.5	1339.05	1.95	3.52	1339.49	1.51	2.72	1339.50	1.50	2.70	1339.78	1.22	2.20	1339.97	1.03	1.85
11/21/2007	204	1340.59	1341	1339.5	1338.98	2.02	3.64	1339.49	1.51	2.71	1339.50	1.50	2.70	1339.79	1.21	2.17	1340.13	0.87	1.56
11/22/2007	201	1340.56	1341	1339.5	1338.93	2.07	3.73	1339.48	1.52	2.74	1339.50	1.50	2.70	1339.65	1.35	2.44	1340.28	0.72	1.30
11/23/2007	199	1340.52	1341	1339.5	1338.91	2.09	3.76	1339.47	1.53	2.75	1339.50	1.50	2.70	1339.67	1.33	2.39	1340.60	0.40	0.72
11/24/2007	180	1340.49	1341	1339.5	1338.88	2.12	3.82	1339.44	1.56	2.81	1339.50	1.50	2.70	1339.68	1.32	2.37	1340.38	0.62	1.12
11/25/2007	151	1340.47	1341	1339.5	1338.88	2.12	3.82	1339.45	1.55	2.79	1339.50	1.50	2.70	1339.68	1.32	2.38	1340.31	0.69	1.24
11/26/2007	142	1340.45	1341	1339.5	1338.87	2.13	3.83	1339.41	1.59	2.87	1339.50	1.50	2.70	1339.64	1.36	2.44	1340.31	0.69	1.23

11/27/2007	121	1337.65	1341	1339.5	1338.87	2.13	3.84	1339.38	1.62	2.92	1339.49	1.51	2.72	1339.60	1.40	2.52	1340.24	0.76	1.38
11/28/2007	142	1340.46	1341	1339.5	1338.84	2.16	3.88	1339.34	1.66	2.99	1339.50	1.50	2.70	1339.54	1.46	2.53	1340.12	0.88	1.58
11/29/2007	142	1340.45	1341	1339.5	1338.84	2.16	3.88	1339.30	1.70	3.06	1339.50	1.50	2.70	1339.58	1.42	2.56	1340.01	0.99	1.78
11/30/2007	126	1340.43	1341	1339.5	1338.82	2.18	3.92	1339.30	1.70	3.06	1339.50	1.50	2.70	1339.56	1.44	2.60	1339.99	1.01	1.81
12/1/2007	117	1340.43	1339	1338.5	1338.80	0.20	0.36	1339.23	-0.23	0.00	1339.50	-0.50	0.00	1339.52	-0.52	0.00	1339.93	-0.93	0.00
12/2/2007	117	1340.48	1338	1338.5	1338.56	0.44	0.78	1339.18	-0.18	0.00	1339.50	-0.50	0.00	1339.50	-0.50	0.00	1339.88	-0.88	0.00
12/3/2007	127	1340.51	1339	1338.5	1338.50	0.50	0.90	1339.03	-0.03	0.00	1339.44	-0.44	0.00	1339.50	-0.50	0.00	1339.81	-0.81	0.00
12/4/2007	133	1340.51	1339	1338.5	1338.49	0.51	0.91	1338.91	0.09	0.17	1339.33	-0.33	0.00	1339.48	-0.48	0.00	1339.78	-0.78	0.00
12/5/2007	133	1340.52	1339	1338.5	1338.49	0.51	0.92	1338.76	0.24	0.43	1339.14	-0.14	0.00	1339.29	-0.29	0.00	1339.78	-0.78	0.00
12/6/2007	133	1340.50	1339	1338.5	1338.48	0.52	0.94	1338.61	0.39	0.71	1338.92	0.08	0.15	1339.15	-0.15	0.00	1339.69	-0.69	0.00
12/7/2007	133	1340.49	1339	1338.5	1338.45	0.55	0.98	1338.50	0.50	0.91	1338.76	0.24	0.44	1339.00	0.00	0.00	1339.60	-0.60	0.00
12/8/2007	133	1340.46	1339	1338.5	1338.47	0.53	0.96	1338.50	0.50	0.90	1338.60	0.40	0.73	1338.90	0.10	0.18	1339.44	-0.44	0.00
12/9/2007	133	1340.44	1339	1338.5	1338.45	0.55	0.98	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.77	0.23	0.41	1339.35	-0.35	0.00
12/10/2007	133	1340.42	1339	1338.5	1338.46	0.54	0.97	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.64	0.36	0.65	1339.38	-0.38	0.00
12/11/2007	133	1340.40	1339	1338.5	1338.46	0.54	0.98	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.60	0.40	0.71	1339.26	-0.26	0.00
12/12/2007	133	1340.37	1339	1338.5	1338.47	0.53	0.95	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.67	0.43	0.78	1339.20	-0.20	0.00
12/13/2007	133	1340.35	1339	1338.5	1338.40	0.60	1.08	1338.48	0.52	0.93	1338.50	0.50	0.90	1338.55	0.45	0.80	1339.13	-0.13	0.00
12/14/2007	133	1340.32	1339	1338.5	1338.38	0.62	1.11	1338.47	0.53	0.95	1338.50	0.50	0.90	1338.55	0.45	0.81	1338.96	0.04	0.08
12/15/2007	133	1340.29	1339	1338.5	1338.38	0.62	1.11	1338.48	0.52	0.94	1338.50	0.50	0.90	1338.58	0.42	0.75	1339.05	-0.05	0.00
12/16/2007	133	1340.27	1339	1338.5	1338.43	0.57	1.02	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.52	0.48	0.87	1338.81	0.19	0.33
12/17/2007	133	1340.23	1339	1338.5	1338.40	0.60	1.08	1338.49	0.51	0.92	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.75	0.25	0.46
12/18/2007	134	1340.20	1339	1338.5	1338.38	0.62	1.11	1338.49	0.51	0.92	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.74	0.26	0.47
12/19/2007	133	1340.18	1339	1338.5	1338.38	0.64	1.15	1338.49	0.51	0.92	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.73	0.27	0.48
12/20/2007	133	1340.15	1339	1338.5	1338.36	0.64	1.16	1338.49	0.51	0.92	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.74	0.26	0.46
12/21/2007	178	1340.10	1339	1338.5	1338.37	0.63	1.13	1338.46	0.54	0.96	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.73	0.27	0.49
12/22/2007	207	1340.02	1339	1338.5	1338.37	0.63	1.13	1338.45	0.55	0.99	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.71	0.29	0.52
12/23/2007	315	1339.96	1339	1338.5	1338.35	0.65	1.17	1338.46	0.54	0.98	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.73	0.27	0.49
12/24/2007	381	1339.83	1339	1338.5	1338.30	0.70	1.25	1338.49	0.51	0.92	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.78	0.22	0.40
12/25/2007	377	1339.71	1339	1338.5	1338.26	0.74	1.34	1338.44	0.56	1.01	1338.50	0.50	0.90	1338.50	0.50	0.90	1339.47	-0.47	0.00
12/26/2007	374	1339.60	1339	1338.5	1338.22	0.78	1.41	1338.42	0.58	1.04	1338.50	0.50	0.90	1338.50	0.50	0.90	1339.43	-0.43	0.00
12/27/2007	373	1339.46	1339	1338.5	1338.23	0.77	1.38	1338.42	0.58	1.04	1338.50	0.50	0.91	1338.50	0.50	0.90	1339.20	-0.20	0.00
12/28/2007	363	1339.30	1339	1338.5	1338.24	0.76	1.36	1338.38	0.62	1.11	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.96	0.04	0.08
12/29/2007	338	1339.16	1339	1338.5	1338.21	0.79	1.43	1338.39	0.61	1.09	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.76	0.24	0.42
12/30/2007	294	1339.02	1339	1338.5	1338.16	0.84	1.52	1338.39	0.61	1.09	1338.50	0.50	0.90	1338.50	0.50	0.90	1338.62	0.38	0.66
12/31/2007	215	1338.94	1339	1338.5	1337.49	1.51	2.71	1338.23	0.77	1.38	1338.47	0.53	0.96	1338.50	0.50	0.90	1338.50	0.50	0.90

Silver Lake Data

Date	Start of Month Target Elevation	Minimum Elevation	Spillway Elev.	15% Exceed	Adjusted 15%	25% Exceed	Adjusted 25%	50% Exceed	Adjusted 50%	75% Exceed	Adjusted 75%	85% Exceed	Adjusted 85%
1/1/2007	1479.0	1477.5	1485.04	1484.71	1482.24	1484.56	1483.20	1483.13	1482.20	1481.37	1480.47	1480.40	1479.50
1/2/2007	1479.0	1477.5	1485.04	1484.66	1481.97	1484.59	1483.22	1483.09	1482.05	1481.35	1480.49	1480.55	1479.46
1/3/2007	1479.0	1477.5	1485.04	1484.64	1481.91	1484.58	1482.91	1483.06	1481.81	1481.35	1480.43	1480.50	1479.42
1/4/2007	1479.0	1477.5	1485.04	1484.63	1481.89	1484.55	1482.55	1483.03	1481.59	1481.31	1480.28	1480.28	1479.37
1/5/2007	1479.0	1477.5	1485.04	1484.59	1481.75	1484.52	1482.14	1483.01	1481.38	1481.26	1479.98	1480.24	1479.02
1/6/2007	1479.0	1477.5	1485.04	1484.55	1481.83	1484.48	1481.78	1482.97	1480.97	1481.23	1479.52	1480.20	1478.60
1/7/2007	1479.0	1477.5	1485.04	1484.50	1481.84	1484.44	1481.74	1482.93	1480.46	1481.21	1479.04	1480.16	1478.33
1/8/2007	1479.0	1477.5	1485.04	1484.62	1481.75	1484.43	1481.67	1483.07	1480.37	1481.18	1478.58	1480.15	1478.01
1/9/2007	1479.0	1477.5	1485.04	1484.62	1481.71	1484.38	1481.62	1483.12	1480.42	1481.14	1478.44	1480.07	1477.50
1/10/2007	1479.0	1477.5	1485.04	1484.61	1481.70	1484.36	1481.58	1483.11	1480.41	1481.10	1478.40	1480.05	1477.40
1/11/2007	1479.0	1477.5	1485.04	1484.57	1481.55	1484.32	1481.45	1483.07	1480.37	1481.07	1478.37	1480.02	1477.32
1/12/2007	1479.0	1477.5	1485.04	1484.60	1481.52	1484.28	1481.37	1483.02	1480.29	1481.03	1478.33	1479.98	1477.28
1/13/2007	1479.0	1477.5	1485.04	1484.56	1481.52	1484.24	1481.36	1482.96	1480.27	1481.00	1478.30	1479.95	1477.28
1/14/2007	1479.0	1477.5	1485.04	1484.56	1481.57	1484.20	1481.30	1482.94	1480.19	1480.99	1478.29	1479.91	1477.21
1/15/2007	1479.0	1477.5	1485.04	1484.55	1481.51	1484.16	1481.22	1482.93	1480.14	1480.91	1478.27	1479.87	1477.17
1/16/2007	1479.0	1477.5	1485.04	1484.52	1481.52	1484.14	1481.29	1482.89	1480.15	1480.95	1478.25	1479.83	1477.13
1/17/2007	1479.0	1477.5	1485.04	1484.52	1481.57	1484.11	1481.24	1482.87	1480.15	1480.92	1478.22	1479.79	1477.09
1/18/2007	1479.0	1477.5	1485.04	1484.50	1481.44	1484.07	1481.15	1482.86	1480.15	1480.88	1478.28	1479.74	1477.09
1/19/2007	1479.0	1477.5	1485.04	1484.52	1481.36	1484.03	1481.16	1482.96	1480.21	1480.85	1478.25	1479.70	1477.00
1/20/2007	1479.0	1477.5	1485.04	1484.51	1481.33	1484.01	1481.14	1483.03	1480.22	1480.82	1478.22	1479.68	1476.98
1/21/2007	1479.0	1477.5	1485.04	1484.48	1481.20	1483.97	1481.05	1482.96	1480.24	1480.88	1478.18	1479.59	1477.00
1/22/2007	1479.0	1477.5	1485.04	1484.46	1481.15	1483.93	1480.97	1482.98	1480.23	1480.86	1478.16	1479.66	1476.96
1/23/2007	1479.0	1477.5	1485.04	1484.44	1481.13	1483.89	1480.88	1482.93	1480.18	1480.81	1478.11	1479.63	1476.93
1/24/2007	1479.0	1477.5	1485.04	1484.44	1480.99	1483.85	1480.79	1482.90	1480.12	1480.78	1478.08	1479.61	1476.91
1/25/2007	1479.0	1477.5	1485.04	1484.41	1480.86	1483.81	1480.73	1482.86	1480.05	1480.74	1478.04	1479.57	1476.87
1/26/2007	1479.0	1477.5	1485.04	1484.38	1480.81	1483.81	1480.79	1482.82	1479.91	1480.70	1478.00	1479.55	1476.85
1/27/2007	1479.0	1477.5	1485.04	1484.84	1481.20	1483.92	1480.79	1482.78	1479.89	1480.67	1477.97	1479.54	1476.84
1/28/2007	1479.0	1477.5	1485.04	1484.81	1481.08	1483.88	1480.50	1482.76	1479.93	1480.62	1477.92	1479.51	1476.85
1/29/2007	1479.0	1477.5	1485.04	1484.77	1481.04	1483.84	1480.46	1482.72	1479.85	1480.56	1477.88	1479.50	1476.86
1/30/2007	1479.0	1477.5	1485.04	1484.73	1481.00	1483.80	1480.41	1482.68	1479.83	1480.54	1477.84	1479.54	1477.12
1/31/2007	1479.0	1477.5	1485.04	1484.70	1480.96	1483.76	1480.31	1482.64	1479.78	1480.51	1477.81	1479.56	1477.00
2/1/2007	1477.5	1477.0	1485.04	1484.66	1483.59	1483.73	1482.93	1482.60	1482.26	1480.46	1480.43	1479.45	1479.45
2/2/2007	1477.5	1477.0	1485.04	1484.64	1483.61	1483.69	1482.82	1482.56	1482.02	1480.42	1480.38	1479.45	1479.48
2/3/2007	1477.5	1477.0	1485.04	1484.71	1483.68	1483.65	1482.74	1482.54	1481.95	1480.40	1480.05	1479.44	1479.44
2/4/2007	1477.5	1477.0	1485.04	1484.70	1483.57	1483.69	1482.74	1482.53	1481.72	1480.44	1479.97	1479.40	1479.27
2/5/2007	1477.5	1477.0	1485.04	1484.68	1483.53	1483.71	1482.71	1482.53	1481.63	1480.45	1479.69	1479.40	1478.76
2/6/2007	1477.5	1477.0	1485.04	1484.67	1483.43	1483.71	1482.61	1482.52	1481.60	1480.47	1479.57	1479.37	1478.48
2/7/2007	1477.5	1477.0	1485.04	1484.67	1483.39	1483.69	1482.56	1482.50	1481.48	1480.46	1479.56	1479.35	1478.45
2/8/2007	1477.5	1477.0	1485.04	1484.65	1483.27	1483.68	1482.44	1482.52	1481.43	1480.45	1479.52	1479.33	1478.42
2/9/2007	1477.5	1477.0	1485.04	1484.63	1483.22	1483.70	1482.37	1482.54	1481.41	1480.43	1479.51	1479.35	1478.45
2/10/2007	1477.5	1477.0	1485.04	1484.63	1483.13	1483.71	1482.38	1482.57	1481.49	1480.45	1479.55	1479.33	1478.57
2/11/2007	1477.5	1477.0	1485.04	1484.60	1483.00	1483.69	1482.39	1482.58	1481.51	1480.52	1479.62	1479.37	1478.47
2/12/2007	1477.5	1477.0	1485.04	1484.58	1483.00	1483.66	1482.29	1482.56	1481.46	1480.55	1479.74	1479.34	1478.44
2/13/2007	1477.5	1477.0	1485.04	1484.58	1482.96	1483.70	1482.28	1482.54	1481.44	1480.55	1479.75	1479.30	1478.42
2/14/2007	1477.5	1477.0	1485.04	1485.08	1483.46	1483.69	1482.28	1482.51	1481.41	1480.63	1479.65	1479.32	1478.40
2/15/2007	1477.5	1477.0	1485.04	1485.09	1483.42	1483.68	1482.19	1482.52	1481.37	1480.61	1479.70	1479.32	1478.68
2/16/2007	1477.5	1477.0	1485.04	1485.08	1483.31	1483.69	1482.14	1482.55	1481.36	1480.60	1479.65	1479.27	1478.60
2/17/2007	1477.5	1477.0	1485.04	1485.06	1483.27	1483.68	1482.06	1482.53	1481.33	1480.61	1479.71	1479.26	1478.54
2/18/2007	1477.5	1477.0	1485.04	1485.04	1483.17	1483.71	1482.09	1482.55	1481.37	1480.61	1479.69	1479.24	1478.46
2/19/2007	1477.5	1477.0	1485.04	1485.10	1483.21	1483.92	1482.19	1482.68	1481.53	1480.69	1479.67	1479.22	1478.39

2/20/2007	1477.5	1477.0	1485.04	1485.15	1483.13	1483.95	1482.15	1482.68	1481.53	1480.57	1479.67	1479.20	1478.33
2/21/2007	1477.5	1477.0	1485.04	1485.12	1483.03	1483.96	1482.07	1482.56	1481.52	1480.56	1479.65	1479.19	1478.29
2/22/2007	1477.5	1477.0	1485.04	1485.10	1482.90	1483.93	1482.05	1482.63	1481.48	1480.53	1479.62	1479.17	1478.27
2/23/2007	1477.5	1477.0	1485.04	1485.08	1482.83	1484.03	1482.09	1482.78	1481.59	1480.52	1479.60	1479.14	1478.24
2/24/2007	1477.5	1477.0	1485.04	1485.09	1482.83	1484.00	1481.97	1482.75	1481.51	1480.50	1479.46	1479.12	1478.19
2/25/2007	1477.5	1477.0	1485.04	1485.06	1482.71	1484.06	1481.96	1482.73	1481.46	1480.48	1479.38	1479.09	1478.12
2/26/2007	1477.5	1477.0	1485.04	1485.05	1482.65	1484.37	1482.15	1482.60	1481.48	1480.47	1479.39	1479.07	1478.07
2/27/2007	1477.5	1477.0	1485.04	1485.03	1482.60	1484.47	1482.27	1482.79	1481.49	1480.44	1479.36	1479.06	1478.11
2/28/2007	1477.5	1477.0	1485.04	1485.02	1482.50	1484.44	1482.19	1482.78	1481.43	1480.42	1479.36	1479.10	1478.22
3/1/2007	1477.5	1477.0	1485.04	1485.17	1482.48	1484.42	1482.01	1482.76	1481.30	1480.38	1479.37	1479.10	1478.22
3/2/2007	1477.5	1477.0	1485.04	1485.20	1482.32	1484.40	1481.99	1482.73	1481.17	1480.38	1479.39	1479.09	1478.20
3/3/2007	1477.5	1477.0	1485.04	1485.18	1482.13	1484.38	1481.88	1482.73	1481.26	1480.36	1479.35	1479.14	1478.19
3/4/2007	1477.5	1477.0	1485.04	1485.16	1481.99	1484.36	1481.84	1482.72	1481.25	1480.33	1479.42	1479.16	1478.26
3/5/2007	1477.5	1477.0	1485.04	1485.14	1481.91	1484.37	1481.86	1482.71	1481.37	1480.33	1479.43	1479.14	1478.23
3/6/2007	1477.5	1477.0	1485.04	1485.13	1481.96	1484.38	1481.83	1482.71	1481.43	1480.47	1479.57	1479.17	1478.21
3/7/2007	1477.5	1477.0	1485.04	1485.11	1481.96	1484.34	1481.76	1482.71	1481.52	1480.46	1479.56	1479.09	1478.18
3/8/2007	1477.5	1477.0	1485.04	1485.09	1481.76	1484.31	1481.70	1482.70	1481.45	1480.44	1479.54	1479.06	1478.16
3/9/2007	1477.5	1477.0	1485.04	1485.07	1481.70	1484.29	1481.77	1482.68	1481.54	1480.43	1479.53	1479.03	1478.13
3/10/2007	1477.5	1477.0	1485.04	1485.06	1481.75	1484.27	1481.71	1482.70	1481.61	1480.43	1479.53	1479.04	1478.14
3/11/2007	1477.5	1477.0	1485.04	1485.03	1481.89	1484.25	1481.66	1482.69	1481.56	1480.41	1479.51	1479.02	1478.11
3/12/2007	1477.5	1477.0	1485.04	1485.02	1481.99	1484.22	1481.69	1482.67	1481.64	1480.39	1479.49	1479.00	1478.12
3/13/2007	1477.5	1477.0	1485.04	1485.18	1482.27	1484.30	1481.74	1482.66	1481.58	1480.37	1479.47	1479.06	1478.16
3/14/2007	1477.5	1477.0	1485.04	1485.16	1482.41	1484.28	1481.75	1482.66	1481.63	1480.37	1479.47	1479.07	1478.17
3/15/2007	1477.5	1477.0	1485.04	1485.14	1482.30	1484.26	1481.69	1482.65	1481.61	1480.38	1479.48	1479.07	1478.17
3/16/2007	1477.5	1477.0	1485.04	1485.19	1482.28	1484.29	1481.83	1482.63	1481.67	1480.35	1479.45	1479.04	1478.14
3/17/2007	1477.5	1477.0	1485.04	1485.17	1482.44	1484.30	1481.77	1482.64	1481.70	1480.33	1479.43	1479.10	1478.22
3/18/2007	1477.5	1477.0	1485.04	1485.26	1482.39	1484.33	1481.71	1482.61	1481.65	1480.31	1479.41	1479.09	1478.34
3/19/2007	1477.5	1477.0	1485.04	1485.24	1482.25	1484.35	1481.68	1482.62	1481.65	1480.29	1479.39	1479.07	1478.60
3/20/2007	1477.5	1477.0	1485.04	1485.21	1482.24	1484.34	1481.84	1482.71	1481.78	1480.28	1479.42	1479.04	1479.04
3/21/2007	1477.5	1477.0	1485.04	1485.25	1482.31	1484.67	1481.90	1482.71	1481.61	1480.26	1479.53	1479.03	1479.02
3/22/2007	1477.5	1477.0	1485.04	1485.34	1482.27	1484.71	1481.81	1482.69	1481.70	1480.25	1479.58	1479.09	1478.99
3/23/2007	1477.5	1477.0	1485.04	1485.32	1482.26	1484.69	1481.82	1482.62	1481.89	1480.23	1479.66	1479.07	1478.97
3/24/2007	1477.5	1477.0	1485.04	1485.30	1482.39	1484.82	1482.05	1482.62	1481.92	1480.21	1479.60	1479.06	1478.96
3/25/2007	1477.5	1477.0	1485.04	1485.28	1482.36	1484.81	1482.03	1482.60	1481.90	1480.19	1479.48	1479.23	1479.23
3/26/2007	1477.5	1477.0	1485.04	1485.23	1482.40	1484.79	1482.24	1482.60	1481.90	1480.17	1479.43	1479.42	1479.42
3/27/2007	1477.5	1477.0	1485.04	1485.25	1482.43	1484.77	1482.40	1482.79	1481.89	1480.15	1479.33	1479.49	1479.46
3/28/2007	1477.5	1477.0	1485.04	1485.22	1482.55	1484.75	1482.41	1482.76	1481.86	1480.14	1479.27	1479.50	1479.50
3/29/2007	1477.5	1477.0	1485.04	1485.20	1482.62	1484.72	1482.34	1482.74	1481.79	1480.12	1479.38	1479.53	1479.53
3/30/2007	1477.5	1477.0	1485.04	1485.18	1482.70	1484.72	1482.51	1482.71	1481.77	1480.16	1479.26	1479.56	1479.53
3/31/2007	1477.5	1477.0	1485.04	1485.16	1482.70	1484.80	1482.89	1482.70	1481.78	1480.14	1479.24	1479.50	1479.60
4/1/2007	1477.5	1477.0	1485.04	1485.26	1483.19	1484.78	1483.58	1482.67	1481.77	1480.12	1479.22	1479.51	1479.51
4/2/2007	1477.5	1477.0	1485.04	1485.34	1483.47	1484.79	1483.47	1482.70	1481.80	1480.11	1479.34	1479.47	1479.47
4/3/2007	1477.5	1477.0	1485.04	1485.29	1483.54	1484.76	1483.52	1482.70	1481.80	1480.12	1479.44	1479.43	1479.43
4/4/2007	1477.5	1477.0	1485.04	1485.24	1483.36	1484.72	1483.59	1482.75	1481.85	1480.11	1479.57	1479.40	1479.40
4/5/2007	1477.5	1477.0	1485.04	1485.20	1483.32	1484.69	1483.63	1482.77	1481.87	1480.07	1479.69	1479.45	1479.40
4/6/2007	1477.5	1477.0	1485.04	1485.28	1483.48	1484.85	1483.57	1482.82	1481.92	1480.08	1480.08	1479.59	1479.39
4/7/2007	1477.5	1477.0	1485.04	1485.33	1483.66	1484.74	1483.72	1482.84	1481.94	1480.24	1480.24	1479.65	1479.35
4/8/2007	1477.5	1477.0	1485.04	1485.27	1483.83	1484.85	1483.89	1482.87	1482.02	1480.50	1480.52	1479.30	1479.30
4/9/2007	1477.5	1477.0	1485.04	1485.22	1483.99	1485.10	1484.18	1483.10	1482.34	1480.47	1480.47	1479.26	1479.26
4/10/2007	1477.5	1477.0	1485.04	1485.24	1484.24	1485.08	1484.18	1483.19	1482.73	1480.44	1480.44	1479.22	1479.22
4/11/2007	1477.5	1477.0	1485.04	1485.24	1484.30	1485.05	1484.15	1483.15	1482.86	1480.40	1480.40	1479.18	1479.18
4/12/2007	1477.5	1477.0	1485.04	1485.19	1484.29	1485.01	1484.11	1483.17	1483.05	1480.35	1480.38	1479.14	1479.14
4/13/2007	1477.5	1477.0	1485.04	1485.23	1484.32	1484.99	1484.09	1483.17	1483.17	1480.35	1480.35	1479.10	1479.10
4/14/2007	1477.5	1477.0	1485.04	1485.24	1484.31	1484.95	1484.05	1483.32	1483.32	1480.31	1480.31	1479.06	1479.06
4/15/2007	1477.5	1477.0	1485.04	1485.25	1484.34	1484.92	1484.06	1483.43	1483.43	1480.27	1480.27	1479.02	1479.02
4/16/2007	1477.5	1477.0	1485.04	1485.33	1484.40	1484.95	1484.16	1483.52	1483.52	1480.24	1480.24	1479.10	1479.10
4/17/2007	1477.5	1477.0	1485.04	1485.26	1484.35	1484.91	1484.22	1483.48	1483.48	1480.20	1480.20	1479.06	1479.06
4/18/2007	1477.5	1477.0	1485.04	1485.22	1484.32	1484.87	1484.04	1483.44	1483.44	1480.17	1480.17	1479.02	1479.02
4/19/2007	1477.5	1477.0	1485.04	1485.25	1484.37	1484.83	1483.93	1483.40	1483.40	1480.13	1480.13	1479.08	1478.98

4/20/2007	1477.5	1477.0	1485.04	1485.25	1484.35	1484.79	1484.07	1483.36	1483.36	1480.09	1480.09	1478.94	1478.94
4/21/2007	1477.5	1477.0	1485.04	1485.21	1484.31	1484.76	1484.01	1483.32	1483.32	1480.04	1480.04	1478.90	1478.90
4/22/2007	1477.5	1477.0	1485.04	1485.17	1484.42	1484.74	1484.12	1483.28	1483.28	1480.04	1480.04	1478.86	1478.86
4/23/2007	1477.5	1477.0	1485.04	1485.28	1484.50	1484.70	1484.47	1483.24	1483.24	1480.01	1480.01	1478.81	1478.81
4/24/2007	1477.5	1477.0	1485.04	1485.24	1484.40	1484.74	1484.74	1483.20	1483.20	1479.97	1479.97	1478.77	1478.77
4/25/2007	1477.5	1477.0	1485.04	1485.21	1484.34	1484.81	1484.81	1483.16	1483.16	1479.93	1479.93	1478.73	1478.73
4/26/2007	1477.5	1477.0	1485.04	1485.22	1484.60	1484.77	1484.77	1483.22	1483.22	1479.90	1479.90	1478.69	1478.69
4/27/2007	1477.5	1477.0	1485.04	1485.21	1484.87	1484.95	1484.95	1483.60	1483.60	1479.92	1479.92	1478.68	1478.68
4/28/2007	1477.5	1477.0	1485.04	1485.17	1485.17	1484.92	1484.92	1483.77	1483.77	1479.87	1479.87	1478.64	1478.64
4/29/2007	1477.5	1477.0	1485.04	1485.13	1485.13	1484.92	1484.92	1483.81	1483.81	1479.83	1479.83	1478.60	1478.60
4/30/2007	1477.5	1477.0	1485.04	1485.18	1485.18	1484.97	1484.97	1483.80	1483.80	1479.81	1479.81	1478.54	1478.54
5/1/2007	1479.0	1478.5	1485.04	1485.15	1482.02	1484.94	1484.41	1483.88	1483.88	1479.80	1479.80	1478.04	1479.03
5/2/2007	1479.0	1478.5	1485.04	1485.12	1482.57	1485.01	1484.78	1483.84	1483.84	1479.76	1479.76	1478.98	1478.98
5/3/2007	1479.0	1478.5	1485.04	1485.30	1484.06	1485.07	1485.07	1483.81	1483.81	1479.75	1479.75	1478.94	1478.94
5/4/2007	1479.0	1478.5	1485.04	1485.26	1484.66	1485.09	1485.09	1483.77	1483.77	1479.87	1479.87	1478.94	1478.89
5/5/2007	1479.0	1478.5	1485.04	1485.47	1484.62	1485.05	1485.05	1483.79	1483.79	1479.88	1479.88	1478.85	1478.85
5/6/2007	1479.0	1478.5	1485.04	1485.36	1484.39	1485.09	1485.09	1483.81	1483.81	1479.84	1479.84	1478.87	1478.87
5/7/2007	1479.0	1478.5	1485.04	1485.29	1484.00	1485.09	1485.09	1483.86	1483.86	1479.90	1479.90	1478.86	1478.86
5/8/2007	1479.0	1478.5	1485.04	1485.27	1483.70	1485.05	1485.05	1483.90	1483.90	1480.09	1480.09	1478.81	1478.81
5/9/2007	1479.0	1478.5	1485.04	1485.21	1483.53	1485.03	1485.03	1483.89	1483.89	1480.17	1480.17	1478.81	1478.81
5/10/2007	1479.0	1478.5	1485.04	1485.18	1483.35	1485.08	1485.08	1483.97	1483.97	1480.22	1480.22	1479.22	1479.22
5/11/2007	1479.0	1478.5	1485.04	1485.14	1483.06	1485.04	1485.04	1483.95	1483.95	1480.18	1480.18	1479.59	1479.59
5/12/2007	1479.0	1478.5	1485.04	1485.10	1483.06	1485.08	1485.09	1483.92	1483.92	1480.13	1480.13	1479.55	1479.55
5/13/2007	1479.0	1478.5	1485.04	1485.08	1483.04	1485.06	1485.06	1483.92	1483.92	1480.09	1480.09	1479.51	1479.51
5/14/2007	1479.0	1478.5	1485.04	1485.04	1483.02	1485.02	1485.02	1483.86	1483.88	1480.13	1480.13	1479.47	1479.47
5/15/2007	1479.0	1478.5	1485.04	1485.00	1482.99	1484.98	1484.98	1483.97	1483.97	1480.26	1480.29	1479.43	1479.43
5/16/2007	1479.0	1478.5	1485.04	1485.02	1483.04	1484.94	1484.94	1483.99	1483.99	1480.26	1480.26	1479.43	1479.43
5/17/2007	1479.0	1478.5	1485.04	1485.30	1483.21	1484.91	1484.84	1484.08	1484.08	1480.24	1480.24	1479.38	1479.38
5/18/2007	1479.0	1478.5	1485.04	1485.24	1483.19	1484.88	1484.67	1484.05	1484.05	1480.20	1480.20	1479.34	1479.34
5/19/2007	1479.0	1478.5	1485.04	1485.24	1483.21	1484.96	1484.54	1484.01	1484.01	1480.20	1480.20	1479.30	1479.30
5/20/2007	1479.0	1478.5	1485.04	1485.37	1483.37	1485.17	1484.68	1483.96	1483.96	1480.24	1480.24	1479.25	1479.25
5/21/2007	1479.0	1478.5	1485.04	1485.30	1483.29	1485.15	1484.44	1483.92	1483.92	1480.31	1480.31	1479.21	1479.21
5/22/2007	1479.0	1478.5	1485.04	1485.44	1483.41	1485.12	1484.13	1484.03	1484.03	1480.26	1480.26	1479.19	1479.19
5/23/2007	1479.0	1478.5	1485.04	1485.36	1483.47	1485.08	1483.81	1484.07	1484.07	1480.22	1480.22	1479.22	1479.22
5/24/2007	1479.0	1478.5	1485.04	1485.28	1483.43	1485.04	1483.58	1484.03	1484.03	1480.43	1480.43	1479.28	1479.28
5/25/2007	1479.0	1478.5	1485.04	1485.24	1483.38	1485.01	1483.51	1483.99	1483.99	1480.70	1480.70	1479.23	1479.23
5/26/2007	1479.0	1478.5	1485.04	1485.28	1483.36	1485.16	1483.53	1483.97	1483.97	1480.66	1480.66	1479.19	1479.19
5/27/2007	1479.0	1478.5	1485.04	1485.23	1483.33	1485.20	1483.63	1483.93	1483.93	1480.87	1480.87	1479.14	1479.14
5/28/2007	1479.0	1478.5	1485.04	1485.30	1483.40	1485.18	1483.37	1484.19	1484.19	1480.89	1480.89	1479.14	1479.14
5/29/2007	1479.0	1478.5	1485.04	1485.36	1483.37	1485.24	1483.43	1484.26	1484.26	1480.85	1480.85	1479.17	1479.17
5/30/2007	1479.0	1478.5	1485.04	1485.42	1483.37	1485.28	1483.43	1484.22	1484.22	1480.80	1480.80	1479.17	1479.17
5/31/2007	1479.0	1478.5	1485.04	1485.36	1483.31	1485.27	1483.38	1484.18	1484.18	1480.76	1480.76	1479.13	1479.13
6/1/2007	1481.0	1480.5	1485.04	1485.30	1481.38	1485.22	1481.52	1484.14	1484.14	1480.66	1480.66	1479.08	1479.08
6/2/2007	1481.0	1480.5	1485.04	1485.26	1481.21	1485.21	1481.58	1484.11	1484.11	1480.56	1480.56	1479.04	1479.04
6/3/2007	1481.0	1480.5	1485.04	1485.31	1481.15	1485.19	1481.55	1484.08	1484.08	1480.45	1480.45	1479.01	1479.01
6/4/2007	1481.0	1480.5	1485.04	1485.30	1481.10	1485.16	1481.50	1484.07	1484.07	1480.34	1480.34	1478.97	1478.97
6/5/2007	1481.0	1480.5	1485.04	1485.31	1481.19	1485.21	1481.55	1484.16	1484.16	1480.30	1480.30	1478.94	1478.94
6/6/2007	1481.0	1480.5	1485.04	1485.39	1481.28	1485.27	1481.65	1484.03	1484.03	1480.26	1480.26	1478.91	1478.91
6/7/2007	1481.0	1480.5	1485.04	1485.37	1481.32	1485.28	1481.77	1484.18	1484.18	1480.28	1480.28	1478.91	1478.91
6/8/2007	1481.0	1480.5	1485.04	1485.31	1481.35	1485.27	1481.80	1484.06	1484.06	1480.24	1480.24	1478.87	1478.87
6/9/2007	1481.0	1480.5	1485.04	1485.44	1481.37	1485.32	1482.00	1484.35	1484.35	1480.20	1480.20	1478.85	1478.85
6/10/2007	1481.0	1480.5	1485.04	1485.39	1481.32	1485.28	1482.11	1484.27	1484.27	1480.28	1480.28	1478.81	1478.81
6/11/2007	1481.0	1480.5	1485.04	1485.24	1481.24	1485.17	1482.06	1484.14	1484.14	1480.25	1480.25	1478.78	1478.78
6/12/2007	1481.0	1480.5	1485.04	1485.18	1481.32	1485.06	1482.07	1484.05	1484.05	1480.21	1480.21	1478.76	1478.76
6/13/2007	1481.0	1480.5	1485.04	1485.24	1481.46	1485.05	1482.16	1483.86	1483.96	1480.25	1480.25	1478.73	1478.73
6/14/2007	1481.0	1480.5	1485.04	1485.35	1481.59	1485.09	1482.33	1483.83	1483.83	1480.22	1480.22	1478.69	1478.69
6/15/2007	1481.0	1480.5	1485.04	1485.24	1481.53	1484.99	1482.25	1483.72	1483.72	1480.18	1480.18	1478.75	1478.75
6/16/2007	1481.0	1480.5	1485.04	1485.27	1481.56	1484.91	1482.28	1483.59	1483.59	1480.20	1480.20	1478.71	1478.71
6/17/2007	1481.0	1480.5	1485.04	1485.25	1481.52	1484.82	1482.27	1483.48	1483.48	1480.16	1480.16	1478.62	1478.62

6/18/2007	1481.0	1480.5	1485.04	1485.28	1481.79	1484.76	1482.25	1483.40	1483.40	1480.19	1480.19	1479.79	1478.79
6/19/2007	1481.0	1480.5	1485.04	1485.30	1481.83	1484.64	1482.22	1483.45	1483.45	1480.17	1480.17	1479.78	1478.78
6/20/2007	1481.0	1480.5	1485.04	1485.18	1481.66	1484.65	1482.53	1483.39	1483.39	1480.29	1480.29	1479.29	1479.20
6/21/2007	1481.0	1480.5	1485.04	1485.16	1481.52	1484.67	1483.11	1483.26	1483.26	1480.27	1480.27	1479.27	1479.20
6/22/2007	1481.0	1480.5	1485.04	1485.04	1481.53	1484.64	1483.57	1483.21	1483.21	1480.25	1480.25	1479.19	1479.16
6/23/2007	1481.0	1480.5	1485.04	1484.92	1481.54	1484.52	1483.60	1483.18	1483.18	1480.22	1480.22	1479.20	1479.20
6/24/2007	1481.0	1480.5	1485.04	1484.83	1481.76	1484.50	1483.67	1483.14	1483.13	1480.18	1480.18	1479.28	1479.28
6/25/2007	1481.0	1480.5	1485.04	1484.76	1481.79	1484.39	1483.69	1483.01	1483.00	1480.14	1480.14	1479.26	1479.26
6/26/2007	1481.0	1480.5	1485.04	1484.65	1481.87	1484.28	1483.59	1482.94	1482.93	1480.25	1480.25	1479.40	1479.40
6/27/2007	1481.0	1480.5	1485.04	1485.13	1482.61	1484.52	1483.93	1482.94	1482.93	1480.21	1480.21	1479.37	1479.37
6/28/2007	1481.0	1480.5	1485.04	1485.17	1482.85	1484.48	1483.83	1482.81	1482.80	1480.28	1480.28	1479.36	1479.36
6/29/2007	1481.0	1480.5	1485.04	1485.07	1482.92	1484.40	1483.79	1482.92	1482.90	1480.26	1480.26	1479.34	1479.34
6/30/2007	1481.0	1480.5	1485.04	1484.95	1482.97	1484.30	1483.74	1482.79	1482.77	1480.26	1480.26	1479.34	1479.34
7/1/2007	1481.5	1480.0	1485.04	1484.94	1483.01	1484.30	1483.72	1482.71	1482.70	1480.25	1480.25	1479.33	1479.36
7/2/2007	1481.5	1480.0	1485.04	1484.84	1482.80	1484.34	1483.78	1482.63	1482.62	1480.22	1480.22	1479.31	1479.51
7/3/2007	1481.5	1480.0	1485.04	1484.75	1482.71	1484.22	1483.70	1482.54	1482.53	1480.10	1480.10	1479.30	1479.50
7/4/2007	1481.5	1480.0	1485.04	1484.69	1482.60	1484.34	1483.90	1482.42	1482.41	1480.15	1480.15	1479.48	1479.48
7/5/2007	1481.5	1480.0	1485.04	1484.92	1482.98	1484.36	1483.94	1482.29	1482.27	1480.06	1480.06	1479.45	1479.45
7/6/2007	1481.5	1480.0	1485.04	1484.53	1482.91	1484.24	1483.86	1482.15	1482.14	1480.04	1480.04	1479.44	1479.44
7/7/2007	1481.5	1480.0	1485.04	1484.88	1482.96	1484.12	1483.76	1482.02	1482.00	1480.01	1480.01	1479.30	1479.90
7/8/2007	1481.5	1480.0	1485.04	1484.76	1483.41	1484.08	1483.63	1482.04	1482.03	1480.00	1480.00	1479.30	1479.90
7/9/2007	1481.5	1480.0	1485.04	1485.11	1483.84	1484.21	1483.81	1482.11	1482.09	1479.96	1479.96	1479.37	1479.87
7/10/2007	1481.5	1480.0	1485.04	1485.04	1483.62	1484.44	1484.13	1482.16	1482.15	1479.93	1479.93	1479.33	1479.83
7/11/2007	1481.5	1480.0	1485.04	1485.02	1483.49	1484.58	1484.17	1482.20	1482.18	1479.91	1479.91	1479.32	1479.82
7/12/2007	1481.5	1480.0	1485.04	1485.00	1483.35	1484.80	1484.37	1482.15	1482.12	1480.01	1480.01	1479.28	1479.78
7/13/2007	1481.5	1480.0	1485.04	1484.87	1483.24	1484.68	1484.32	1482.13	1482.12	1480.05	1480.05	1479.25	1479.75
7/14/2007	1481.5	1480.0	1485.04	1484.93	1483.17	1484.56	1484.23	1482.00	1481.99	1480.03	1480.03	1479.24	1479.74
7/15/2007	1481.5	1480.0	1485.04	1484.81	1483.00	1484.44	1484.09	1481.87	1481.85	1480.06	1480.06	1479.21	1479.71
7/16/2007	1481.5	1480.0	1485.04	1484.75	1482.81	1484.39	1483.98	1481.73	1481.72	1480.03	1480.03	1479.20	1479.72
7/17/2007	1481.5	1480.0	1485.04	1484.71	1482.75	1484.59	1484.07	1481.63	1481.62	1480.00	1480.00	1479.19	1479.69
7/18/2007	1481.5	1480.0	1485.04	1484.73	1482.71	1484.60	1483.96	1481.58	1481.57	1479.99	1479.99	1479.18	1479.68
7/19/2007	1481.5	1480.0	1485.04	1484.64	1482.55	1484.48	1483.70	1481.47	1481.45	1479.97	1479.97	1479.18	1479.63
7/20/2007	1481.5	1480.0	1485.04	1484.52	1482.29	1484.35	1483.55	1481.53	1481.52	1479.94	1479.94	1479.16	1479.69
7/21/2007	1481.5	1480.0	1485.04	1484.41	1482.05	1484.23	1483.36	1481.41	1481.38	1479.90	1479.98	1479.10	1479.80
7/22/2007	1481.5	1480.0	1485.04	1484.71	1482.22	1484.13	1483.16	1481.28	1481.26	1479.95	1479.99	1479.10	1479.83
7/23/2007	1481.5	1480.0	1485.04	1484.68	1482.12	1484.04	1482.95	1481.14	1481.13	1480.00	1480.00	1479.10	1479.81
7/24/2007	1481.5	1480.0	1485.04	1484.64	1481.94	1484.04	1482.91	1481.12	1481.10	1479.97	1479.97	1479.10	1479.79
7/25/2007	1481.5	1480.0	1485.04	1484.52	1481.75	1483.94	1482.71	1480.98	1480.97	1479.95	1479.95	1479.10	1479.76
7/26/2007	1481.5	1480.0	1485.04	1484.41	1481.53	1483.81	1482.51	1481.14	1481.13	1480.00	1480.00	1479.10	1479.73
7/27/2007	1481.5	1480.0	1485.04	1484.55	1481.52	1483.88	1482.49	1481.29	1481.28	1480.04	1480.04	1479.10	1479.88
7/28/2007	1481.5	1480.0	1485.04	1484.51	1481.32	1483.75	1482.30	1481.51	1481.50	1480.02	1480.02	1479.10	1479.88
7/29/2007	1481.5	1480.0	1485.04	1484.40	1481.08	1483.62	1482.07	1481.38	1481.36	1479.96	1479.99	1479.10	1479.85
7/30/2007	1481.5	1480.0	1485.04	1484.35	1480.98	1483.49	1481.91	1481.35	1481.33	1479.96	1479.96	1479.10	1479.81
7/31/2007	1481.5	1480.0	1485.04	1484.23	1480.74	1483.36	1481.73	1481.22	1481.21	1479.94	1479.94	1479.10	1479.79
8/1/2007	1480.0	1479.0	1485.04	1484.83	1481.24	1483.22	1481.52	1481.10	1481.09	1479.90	1479.90	1479.10	1479.78
8/2/2007	1480.0	1479.0	1485.04	1484.71	1480.98	1483.09	1481.35	1480.96	1480.95	1479.82	1479.82	1479.10	1479.70
8/3/2007	1480.0	1479.0	1485.04	1484.59	1480.79	1483.26	1481.49	1481.85	1481.83	1479.78	1479.78	1479.10	1479.57
8/4/2007	1480.0	1479.0	1485.04	1484.87	1481.02	1483.37	1481.59	1481.71	1481.68	1479.73	1479.73	1479.10	1479.46
8/5/2007	1480.0	1479.0	1485.04	1485.32	1481.42	1483.24	1481.46	1481.58	1481.53	1479.60	1479.60	1479.10	1479.33
8/6/2007	1480.0	1479.0	1485.04	1485.25	1481.30	1483.33	1481.56	1481.45	1481.40	1479.47	1479.47	1479.10	1479.20
8/7/2007	1480.0	1479.0	1485.04	1485.14	1481.03	1483.34	1481.56	1481.32	1481.29	1479.43	1479.43	1479.10	1479.09
8/8/2007	1480.0	1479.0	1485.04	1485.02	1480.76	1483.35	1481.55	1481.18	1481.17	1479.37	1479.37	1479.10	1479.15
8/9/2007	1480.0	1479.0	1485.04	1484.90	1480.48	1483.22	1481.41	1481.12	1481.10	1479.24	1479.24	1479.10	1479.03
8/10/2007	1480.0	1479.0	1485.04	1484.78	1480.21	1483.13	1481.31	1481.03	1481.00	1479.15	1479.15	1479.10	1479.01
8/11/2007	1480.0	1479.0	1485.04	1484.91	1480.20	1483.27	1481.37	1480.98	1480.94	1479.11	1479.11	1479.10	1479.98
8/12/2007	1480.0	1479.0	1485.04	1484.94	1480.08	1483.14	1481.26	1480.85	1480.80	1479.02	1479.02	1479.10	1479.96
8/13/2007	1480.0	1479.0	1485.04	1485.15	1480.16	1483.01	1481.11	1480.87	1480.81	1479.01	1479.00	1479.10	1479.93
8/14/2007	1480.0	1479.0	1485.04	1485.04	1479.98	1482.89	1480.95	1480.74	1480.65	1479.03	1479.00	1479.10	1479.93
8/15/2007	1480.0	1479.0	1485.04	1485.14	1480.05	1483.06	1481.09	1480.61	1480.55	1479.02	1479.01	1479.10	1479.90

8/15/2007	1480.0	1479.0	1485.04	1485.02	1479.87	1483.42	1481.39	1480.53	1480.57	1479.00	1478.99	1478.88	1478.88
8/17/2007	1480.0	1479.0	1485.04	1484.90	1479.72	1483.63	1481.46	1480.52	1480.43	1478.99	1478.98	1478.90	1478.90
8/18/2007	1480.0	1479.0	1485.04	1484.80	1479.56	1483.54	1481.21	1480.54	1480.46	1479.05	1479.02	1478.88	1478.88
8/19/2007	1480.0	1479.0	1485.04	1484.88	1479.59	1483.44	1480.97	1480.41	1480.31	1478.99	1478.96	1478.85	1478.85
8/20/2007	1480.0	1479.0	1485.04	1484.94	1479.63	1483.33	1480.71	1480.60	1480.39	1478.97	1478.95	1478.84	1478.84
8/21/2007	1480.0	1479.0	1485.04	1484.83	1479.44	1483.29	1480.52	1480.47	1480.31	1478.99	1478.97	1478.90	1478.92
8/22/2007	1480.0	1479.0	1485.04	1484.87	1479.47	1483.24	1480.31	1480.54	1480.35	1478.98	1478.95	1478.89	1478.89
8/23/2007	1480.0	1479.0	1485.04	1484.79	1479.31	1483.18	1480.13	1480.44	1480.25	1478.93	1478.91	1478.85	1478.86
8/24/2007	1480.0	1479.0	1485.04	1484.90	1479.34	1483.09	1479.88	1480.31	1480.13	1478.97	1478.95	1478.86	1478.86
8/25/2007	1480.0	1479.0	1485.04	1484.97	1479.36	1483.05	1479.70	1480.55	1480.35	1478.94	1478.93	1478.83	1478.83
8/26/2007	1480.0	1479.0	1485.04	1484.97	1479.35	1484.12	1480.66	1480.79	1480.57	1479.04	1479.02	1478.91	1478.81
8/27/2007	1480.0	1479.0	1485.04	1484.84	1479.23	1484.00	1480.41	1480.80	1480.58	1479.07	1479.06	1478.93	1478.78
8/28/2007	1480.0	1479.0	1485.04	1484.89	1479.13	1483.92	1480.21	1480.84	1480.62	1479.06	1479.02	1478.81	1478.80
8/29/2007	1480.0	1479.0	1485.04	1484.77	1478.88	1483.79	1479.96	1480.71	1480.48	1479.03	1478.98	1478.79	1478.78
8/30/2007	1480.0	1479.0	1485.04	1484.72	1478.66	1483.67	1479.75	1480.76	1480.53	1479.00	1478.96	1478.77	1478.75
8/31/2007	1480.0	1479.0	1485.04	1484.63	1478.39	1483.72	1479.69	1480.65	1480.47	1479.00	1479.05	1478.74	1478.73
9/1/2007	1479.5	1479.0	1485.04	1484.79	1478.44	1483.95	1480.00	1480.70	1480.55	1479.21	1479.19	1478.74	1478.74
9/2/2007	1479.5	1479.0	1485.04	1485.08	1478.66	1483.95	1479.88	1480.57	1480.39	1479.18	1479.17	1478.79	1478.78
9/3/2007	1479.5	1479.0	1485.04	1484.98	1478.63	1483.82	1479.67	1480.49	1480.19	1479.16	1479.14	1478.94	1478.93
9/4/2007	1479.5	1479.0	1485.04	1484.87	1478.64	1483.72	1479.50	1480.42	1479.82	1479.26	1479.03	1478.95	1478.87
9/5/2007	1479.5	1479.0	1485.04	1484.77	1478.59	1484.04	1479.93	1480.36	1479.58	1479.26	1478.85	1479.10	1478.83
9/6/2007	1479.5	1479.0	1485.04	1484.76	1478.65	1484.02	1479.92	1480.35	1479.21	1479.43	1478.82	1479.08	1478.67
9/7/2007	1479.5	1479.0	1485.04	1484.76	1478.74	1483.99	1479.94	1480.32	1478.85	1479.40	1478.59	1479.09	1478.35
9/8/2007	1479.5	1479.0	1485.04	1484.99	1478.89	1483.97	1479.78	1480.39	1478.68	1479.36	1478.21	1479.03	1478.20
9/9/2007	1479.5	1479.0	1485.04	1485.00	1478.92	1483.96	1479.71	1480.36	1478.45	1479.39	1478.01	1479.00	1477.90
9/10/2007	1479.5	1479.0	1485.04	1484.96	1478.95	1483.94	1479.80	1480.97	1478.59	1479.38	1477.75	1478.98	1477.61
9/11/2007	1479.5	1479.0	1485.04	1484.95	1478.89	1484.26	1480.17	1481.01	1478.43	1479.38	1477.55	1478.95	1477.43
9/12/2007	1479.5	1479.0	1485.04	1484.95	1478.84	1484.52	1480.44	1481.31	1478.61	1479.36	1477.13	1478.93	1477.13
9/13/2007	1479.5	1479.0	1485.04	1485.24	1479.15	1484.50	1480.46	1481.69	1478.98	1479.58	1477.21	1479.05	1476.94
9/14/2007	1479.5	1479.0	1485.04	1485.26	1479.10	1484.48	1480.47	1481.67	1478.96	1479.60	1476.92	1479.02	1476.64
9/15/2007	1479.5	1479.0	1485.04	1485.23	1479.04	1484.51	1480.54	1481.73	1479.02	1479.60	1476.89	1479.00	1476.34
9/16/2007	1479.5	1479.0	1485.04	1485.24	1479.11	1484.60	1480.76	1481.79	1479.08	1479.58	1476.87	1479.08	1476.37
9/17/2007	1479.5	1479.0	1485.04	1485.25	1479.24	1484.95	1481.19	1481.77	1479.06	1479.65	1476.85	1479.09	1476.40
9/18/2007	1479.5	1479.0	1485.04	1485.24	1479.66	1484.96	1481.78	1481.78	1479.06	1479.63	1476.82	1479.04	1476.40
9/19/2007	1479.5	1479.0	1485.04	1485.29	1480.04	1484.95	1481.83	1481.76	1479.03	1479.61	1476.80	1479.03	1476.66
9/20/2007	1479.5	1479.0	1485.04	1485.25	1479.91	1484.95	1481.85	1481.94	1479.19	1479.68	1476.95	1479.06	1477.13
9/21/2007	1479.5	1479.0	1485.04	1485.29	1480.05	1484.93	1481.87	1482.06	1479.30	1479.68	1476.90	1479.04	1477.01
9/22/2007	1479.5	1479.0	1485.04	1485.28	1480.01	1485.16	1482.17	1482.07	1479.34	1479.74	1477.05	1479.07	1476.75
9/23/2007	1479.5	1479.0	1485.04	1485.39	1480.09	1485.19	1482.27	1482.07	1479.36	1479.71	1477.00	1479.09	1477.18
9/24/2007	1479.5	1479.0	1485.04	1485.34	1480.12	1485.16	1482.30	1482.18	1479.45	1479.74	1477.06	1479.08	1477.09
9/25/2007	1479.5	1479.0	1485.04	1485.33	1480.10	1485.27	1482.42	1482.16	1479.45	1479.71	1477.02	1479.06	1476.99
9/26/2007	1479.5	1479.0	1485.04	1485.29	1480.14	1485.25	1482.45	1482.17	1479.46	1479.88	1477.19	1479.05	1477.19
9/27/2007	1479.5	1479.0	1485.04	1485.31	1480.16	1485.23	1482.38	1482.16	1479.45	1480.01	1477.38	1479.06	1477.31
9/28/2007	1479.5	1479.0	1485.04	1485.26	1480.08	1485.21	1482.34	1482.18	1479.47	1480.01	1477.30	1479.09	1477.22
9/29/2007	1479.5	1479.0	1485.04	1485.26	1480.10	1485.19	1482.24	1482.24	1479.53	1479.69	1477.28	1479.02	1476.95
9/30/2007	1479.5	1479.0	1485.04	1485.23	1479.95	1485.17	1482.21	1482.23	1479.52	1480.01	1477.42	1479.05	1477.29
10/1/2007	1479.5	1479.0	1485.04	1485.21	1480.00	1485.14	1482.18	1482.21	1479.50	1480.20	1477.49	1479.05	1477.40
10/2/2007	1479.5	1479.0	1485.04	1485.23	1480.18	1485.12	1482.15	1482.24	1479.53	1480.17	1477.50	1479.05	1477.23
10/3/2007	1479.5	1479.0	1485.04	1485.21	1480.20	1485.10	1482.13	1482.26	1479.55	1480.15	1477.45	1479.00	1477.12
10/4/2007	1479.5	1479.0	1485.04	1485.19	1480.12	1485.07	1482.14	1482.24	1479.53	1480.11	1477.46	1479.08	1477.09
10/5/2007	1479.5	1479.0	1485.04	1485.16	1480.05	1485.08	1482.11	1482.21	1479.49	1480.15	1477.44	1479.08	1477.06
10/6/2007	1479.5	1479.0	1485.04	1485.14	1479.99	1485.06	1482.07	1482.30	1479.57	1480.14	1477.43	1479.07	1477.07
10/7/2007	1479.5	1479.0	1485.04	1485.15	1480.02	1485.10	1482.03	1482.32	1479.62	1480.11	1477.40	1479.02	1477.23
10/8/2007	1479.5	1479.0	1485.04	1485.21	1480.15	1485.12	1482.02	1482.51	1479.80	1480.08	1477.37	1479.05	1477.14
10/9/2007	1479.5	1479.0	1485.04	1485.23	1480.23	1485.13	1481.97	1482.60	1479.89	1480.09	1477.34	1479.07	1477.14
10/10/2007	1479.5	1479.0	1485.04	1485.36	1480.37	1485.10	1482.04	1482.57	1479.86	1480.03	1477.33	1479.04	1477.53
10/11/2007	1479.5	1479.0	1485.04	1485.30	1480.34	1485.10	1481.97	1482.57	1479.86	1480.03	1477.41	1479.01	1477.62
10/12/2007	1479.5	1479.0	1485.04	1485.26	1480.32	1485.20	1481.87	1482.64	1479.93	1480.04	1477.50	1479.09	1477.77
10/13/2007	1479.5	1479.0	1485.04	1485.23	1480.35	1485.17	1482.03	1482.61	1479.91	1480.01	1477.51	1479.06	1477.92

10/14/2007	1479.5	1479.0	1485.04	1485.27	1480.41	1485.19	1481.99	1482.65	1479.94	1480.13	1477.65	1479.63	1477.69
10/15/2007	1479.5	1479.0	1485.04	1485.26	1480.46	1485.16	1481.92	1482.64	1479.93	1480.20	1477.91	1479.61	1477.81
10/16/2007	1479.5	1479.0	1485.04	1485.34	1480.56	1485.17	1481.97	1482.62	1479.91	1480.25	1477.96	1479.62	1478.44
10/17/2007	1479.5	1479.0	1485.04	1485.28	1480.61	1485.14	1481.97	1482.59	1479.88	1480.22	1477.71	1479.62	1478.37
10/18/2007	1479.5	1479.0	1485.04	1485.33	1480.70	1485.20	1482.07	1482.57	1479.86	1480.25	1477.64	1479.63	1478.20
10/19/2007	1479.5	1479.0	1485.04	1485.28	1480.90	1485.17	1482.22	1482.56	1479.85	1480.23	1477.55	1479.63	1477.98
10/20/2007	1479.5	1479.0	1485.04	1485.25	1480.99	1485.14	1482.23	1482.55	1479.84	1480.26	1477.68	1479.63	1477.68
10/21/2007	1479.5	1479.0	1485.04	1485.22	1480.91	1485.15	1482.30	1482.55	1479.84	1480.35	1477.74	1479.65	1478.17
10/22/2007	1479.5	1479.0	1485.04	1485.29	1481.08	1485.13	1482.18	1482.87	1480.17	1480.35	1477.78	1479.64	1478.66
10/23/2007	1479.5	1479.0	1485.04	1485.32	1481.33	1485.11	1482.11	1483.18	1480.48	1480.36	1477.68	1479.65	1478.44
10/24/2007	1479.5	1479.0	1485.04	1485.27	1481.37	1485.10	1482.12	1483.17	1480.47	1480.37	1478.05	1479.62	1479.13
10/25/2007	1479.5	1479.0	1485.04	1485.31	1481.38	1485.09	1482.15	1483.14	1480.44	1480.34	1478.35	1479.75	1479.24
10/26/2007	1479.5	1479.0	1485.04	1485.26	1481.32	1485.06	1482.08	1483.12	1480.41	1480.31	1477.87	1479.73	1479.26
10/27/2007	1479.5	1479.0	1485.04	1485.24	1481.42	1485.15	1482.23	1483.11	1480.40	1480.28	1477.79	1479.70	1479.23
10/28/2007	1479.5	1479.0	1485.04	1485.27	1481.37	1485.22	1482.26	1483.10	1480.39	1480.51	1478.12	1479.73	1479.24
10/29/2007	1479.5	1479.0	1485.04	1485.31	1481.37	1485.20	1482.30	1483.10	1480.40	1480.70	1478.32	1479.72	1479.16
10/30/2007	1479.5	1479.0	1485.04	1485.26	1481.29	1485.17	1482.27	1483.07	1480.37	1480.67	1479.46	1479.73	1479.73
10/31/2007	1479.5	1479.0	1485.04	1485.24	1481.29	1485.21	1482.38	1483.06	1480.35	1480.65	1479.41	1479.71	1479.71
11/1/2007	1479.0	1478.5	1485.04	1485.33	1481.39	1485.23	1482.39	1483.04	1480.42	1480.68	1479.41	1479.73	1479.70
11/2/2007	1479.0	1478.5	1485.04	1485.32	1481.36	1485.26	1482.46	1483.03	1480.35	1480.82	1479.47	1479.80	1479.53
11/3/2007	1479.0	1478.5	1485.04	1485.40	1481.46	1485.28	1482.46	1483.05	1480.36	1481.06	1479.97	1479.81	1479.72
11/4/2007	1479.0	1478.5	1485.04	1485.37	1481.32	1485.24	1482.40	1483.13	1480.43	1481.05	1480.18	1480.85	1479.92
11/5/2007	1479.0	1478.5	1485.04	1485.32	1481.35	1485.22	1482.35	1483.21	1480.51	1481.09	1479.99	1480.20	1479.80
11/6/2007	1479.0	1478.5	1485.04	1485.35	1481.35	1485.31	1482.45	1483.19	1480.48	1481.25	1480.09	1480.29	1479.61
11/7/2007	1479.0	1478.5	1485.04	1485.35	1481.53	1485.29	1482.35	1483.17	1480.47	1481.22	1479.94	1480.30	1479.32
11/8/2007	1479.0	1478.5	1485.04	1485.42	1481.61	1485.32	1482.30	1483.22	1480.52	1481.20	1479.83	1480.23	1479.11
11/9/2007	1479.0	1478.5	1485.04	1485.43	1481.70	1485.35	1482.36	1483.25	1480.55	1481.19	1479.59	1480.26	1478.88
11/10/2007	1479.0	1478.5	1485.04	1485.36	1481.83	1485.28	1482.26	1483.31	1480.60	1481.19	1479.30	1480.42	1478.85
11/11/2007	1479.0	1478.5	1485.04	1485.31	1481.82	1485.25	1482.21	1483.32	1480.62	1481.39	1479.33	1480.46	1479.48
11/12/2007	1479.0	1478.5	1485.04	1485.34	1481.83	1485.32	1482.40	1483.48	1480.78	1481.48	1479.27	1480.45	1479.57
11/13/2007	1479.0	1478.5	1485.04	1485.43	1481.93	1485.30	1482.43	1483.55	1480.85	1481.47	1479.60	1480.51	1479.44
11/14/2007	1479.0	1478.5	1485.04	1485.36	1481.90	1485.27	1482.34	1483.55	1480.85	1481.66	1480.09	1480.52	1479.43
11/15/2007	1479.0	1478.5	1485.04	1485.32	1481.93	1485.24	1482.43	1483.55	1480.85	1481.73	1480.23	1480.50	1479.31
11/16/2007	1479.0	1478.5	1485.04	1485.29	1481.79	1485.21	1482.43	1483.70	1481.00	1481.71	1480.01	1480.49	1479.26
11/17/2007	1479.0	1478.5	1485.04	1485.27	1481.75	1485.23	1482.48	1483.77	1481.07	1481.68	1479.96	1480.47	1479.00
11/18/2007	1479.0	1478.5	1485.04	1485.26	1481.73	1485.23	1482.47	1483.87	1481.19	1481.66	1479.68	1480.44	1478.72
11/19/2007	1479.0	1478.5	1485.04	1485.28	1481.76	1485.21	1482.50	1483.85	1481.15	1481.69	1479.69	1480.43	1478.71
11/20/2007	1479.0	1478.5	1485.04	1485.27	1481.75	1485.25	1482.53	1483.83	1481.13	1481.77	1479.57	1480.42	1478.64
11/21/2007	1479.0	1478.5	1485.04	1485.24	1481.59	1485.23	1482.52	1483.88	1481.18	1481.82	1479.65	1480.50	1479.00
11/22/2007	1479.0	1478.5	1485.04	1485.26	1481.54	1485.22	1482.48	1484.02	1481.31	1481.83	1479.39	1480.48	1479.38
11/23/2007	1479.0	1478.5	1485.04	1485.26	1481.50	1485.20	1482.45	1484.00	1481.30	1481.82	1479.52	1480.49	1480.01
11/24/2007	1479.0	1478.5	1485.04	1485.39	1481.57	1485.20	1482.40	1483.98	1481.28	1481.89	1479.52	1480.42	1479.60
11/25/2007	1479.0	1478.5	1485.04	1485.32	1481.49	1485.21	1482.42	1483.96	1481.28	1481.90	1479.52	1481.05	1479.81
11/26/2007	1479.0	1478.5	1485.04	1485.27	1481.45	1485.20	1482.33	1484.08	1481.38	1481.96	1479.53	1481.03	1479.79
11/27/2007	1479.0	1478.5	1485.04	1485.24	1481.40	1485.18	1482.26	1484.11	1481.39	1481.96	1479.44	1481.05	1479.65
11/28/2007	1479.0	1478.5	1485.04	1485.27	1481.39	1485.17	1482.18	1484.09	1481.39	1481.95	1479.36	1481.03	1479.55
11/29/2007	1479.0	1478.5	1485.04	1485.31	1481.43	1485.28	1482.22	1484.17	1481.46	1482.00	1479.44	1481.01	1479.43
11/30/2007	1479.0	1478.5	1485.04	1485.38	1481.46	1485.28	1482.21	1484.19	1481.49	1481.98	1479.38	1481.02	1479.46
12/1/2007	1479.0	1478.5	1485.04	1485.32	1484.96	1485.25	1485.25	1484.20	1484.20	1482.05	1482.05	1481.04	1481.24
12/2/2007	1479.0	1478.5	1485.04	1485.28	1484.49	1485.22	1485.22	1484.19	1484.19	1482.16	1482.16	1481.01	1481.21
12/3/2007	1479.0	1478.5	1485.04	1485.24	1484.34	1485.20	1485.20	1484.21	1484.21	1482.24	1482.24	1481.03	1481.23
12/4/2007	1479.0	1478.5	1485.04	1485.25	1484.34	1485.18	1485.01	1484.26	1484.26	1482.25	1482.29	1481.09	1481.29
12/5/2007	1479.0	1478.5	1485.04	1485.26	1484.34	1485.16	1484.73	1484.22	1484.22	1482.26	1482.26	1481.04	1481.31
12/6/2007	1479.0	1478.5	1485.04	1485.22	1484.28	1485.12	1484.42	1484.22	1484.08	1482.22	1482.22	1481.05	1481.26
12/7/2007	1479.0	1478.5	1485.04	1485.19	1484.21	1485.10	1484.20	1484.20	1483.77	1482.18	1482.18	1481.02	1481.22
12/8/2007	1479.0	1478.5	1485.04	1485.17	1484.21	1485.07	1484.17	1484.17	1483.44	1482.13	1481.95	1481.05	1481.18
12/9/2007	1479.0	1478.5	1485.04	1485.15	1484.17	1485.06	1484.16	1484.14	1483.24	1482.09	1481.68	1481.03	1481.13
12/10/2007	1479.0	1478.5	1485.04	1485.12	1484.15	1485.07	1484.17	1484.11	1483.21	1482.04	1481.39	1481.05	1481.16
12/11/2007	1479.0	1478.5	1485.04	1485.08	1484.10	1485.03	1484.13	1484.07	1483.17	1482.02	1481.30	1481.05	1481.15

12/12/2007	1479.0	1478.5	1485.04	1485.04	1484.09	1485.01	1484.11	1484.03	1483.13	1481.98	1481.20	1481.15	1481.11
12/13/2007	1479.0	1478.5	1485.04	1485.06	1483.98	1485.03	1484.10	1484.00	1483.10	1481.94	1481.13	1481.09	1481.07
12/14/2007	1479.0	1478.5	1485.04	1485.04	1483.93	1484.99	1484.05	1483.99	1483.09	1481.89	1481.09	1481.00	1480.96
12/15/2007	1479.0	1478.5	1485.04	1485.04	1483.93	1484.97	1484.02	1483.96	1483.06	1481.85	1481.10	1480.98	1480.98
12/16/2007	1479.0	1478.5	1485.04	1485.01	1483.99	1484.93	1484.02	1483.92	1483.02	1481.81	1480.93	1480.95	1480.62
12/17/2007	1479.0	1478.5	1485.04	1484.97	1483.89	1484.89	1483.97	1483.88	1482.98	1481.76	1480.86	1480.80	1480.47
12/18/2007	1479.0	1478.5	1485.04	1484.94	1483.84	1484.85	1483.94	1483.84	1482.94	1481.72	1480.82	1480.88	1480.41
12/19/2007	1479.0	1478.5	1485.04	1484.99	1483.84	1484.85	1483.93	1483.81	1482.91	1481.68	1480.78	1480.84	1480.36
12/20/2007	1479.0	1478.5	1485.04	1484.95	1483.80	1484.82	1483.90	1483.77	1482.87	1481.69	1480.79	1480.81	1480.35
12/21/2007	1479.0	1478.5	1485.04	1485.01	1483.88	1484.85	1483.89	1483.73	1482.83	1481.67	1480.77	1480.76	1480.29
12/22/2007	1479.0	1478.5	1485.04	1485.01	1483.88	1484.83	1483.84	1483.69	1482.79	1481.63	1480.73	1480.74	1480.22
12/23/2007	1479.0	1478.5	1485.04	1485.02	1483.85	1484.80	1483.81	1483.64	1482.74	1481.60	1480.68	1480.70	1480.20
12/24/2007	1479.0	1478.5	1485.04	1484.98	1483.73	1484.76	1483.84	1483.60	1482.70	1481.56	1480.66	1480.65	1480.26
12/25/2007	1479.0	1478.5	1485.04	1485.06	1483.72	1484.78	1483.77	1483.56	1482.66	1481.51	1480.61	1480.63	1480.63
12/26/2007	1479.0	1478.5	1485.04	1485.02	1483.61	1484.77	1483.74	1483.54	1482.64	1481.47	1480.57	1480.60	1480.62
12/27/2007	1479.0	1478.5	1485.04	1484.98	1483.61	1484.73	1483.69	1483.52	1482.61	1481.43	1480.53	1480.58	1480.58
12/28/2007	1479.0	1478.5	1485.04	1485.00	1483.64	1484.70	1483.58	1483.46	1482.58	1481.39	1480.49	1480.54	1480.47
12/29/2007	1479.0	1478.5	1485.04	1485.03	1483.61	1484.68	1483.58	1483.51	1482.61	1481.36	1480.45	1480.49	1480.07
12/30/2007	1479.0	1478.5	1485.04	1485.04	1483.52	1484.70	1483.61	1483.52	1482.62	1481.31	1480.41	1480.48	1479.81
12/31/2007	1479.0	1478.5	1485.04	1484.75	1482.04	1484.59	1483.21	1483.14	1482.18	1480.65	1479.75	1479.34	1478.44

Appendix H

Add the following information to the end of Appendix H:

COMMENT No.	STAKEHOLDER	DATE OF LETTER	COMMENT	RESPONSE
SILVER LAKE DAM REBUILD NOTICE COMMENTS				
01N	Jessica Mistak, MDNR	3-5-08	Paul C. Rizzo Associates, Inc. (RIZZO) was retained by UPPCO to perform an operation analysis to evaluate the effect of the proposed lower spillway sill elevation in terms of license compliance and spillway performance. Unfortunately, the mode of operation for Silver Lake as outlined in the October 25, 2007 Spillway Elevation Study by RIZZO (Appendix G of the Environmental Report) does not reflect current license conditions. Instead, the Spillway Elevation Study is based on the assumption that Silver Lake is operated such that the reservoir elevation exceeds the target elevations. As clearly stated by the Department of Environmental Quality (see Appendix H of the Environmental Report, December 11, 2007 comment letter), the target elevations are not minimum elevations; on the contrary, they are elevations that UPPCO is expected to achieve at the start of each month to the closest extent possible.	The supplement reinforces what is already stated in Section 2.3.6 of the un-supplemented Environmental Report: "Implementation of the proposed construction and repair measures will not require modifying the current license." UPPCO has also provided supplements to Appendix G that demonstrates the spillway lowering will not negatively impact the ability of the downstream projects to meet their target elevations. UPPCO used the interpretation of exceeding the target elevations for the spillway analysis only because it would represent the "worst-case" scenario when it comes to evaluating the potential lost storage at Silver Lake associated with a one-foot reduction of the spillway elevation and its impact on meeting downstream license requirements. For this purpose, as the MDEQ recommends in their March 6, 2008 letter this process of interpretation of the current license conditions should be handled under a process separate from the

COMMENT No.	STAKEHOLDER	DATE OF LETTER	COMMENT	RESPONSE
				<p>rebuild assessment process. The MDEQ letter recommends the following: "In a February 25, 2008, conference call with the UPPCO, we (MDEQ) stated that we are willing to initially attempt to resolve the issue of Certification interpretation by negotiating an operations plan, which the UPPCO agreed to provide. We expect such a plan to address what appears to be a frequently expected scenario of insufficient natural flow yield in the Dead River basin to achieve all stream flow and impoundment level requirements in the Certification. If an agreement cannot be reached on an operations plan that is consistent with the Certification, then the UPPCO may wish to request a modification to the Certification"</p>
02N	Jessica Mistak, MDNR	3-5-08	<p>Rather than restoring Silver Lake to operating levels in compliance with the current license conditions, UPPCO's proposed mode of operation would hold Silver Lake higher than the target elevations throughout much of the year and allow for an approximate six foot drawdown over the summer. The excessive drawdown is in direct contradiction with the current license which only allows for a two foot drawdown from July to September. In particular, the DNR is concerned that UPPCO's</p>	<p>The MDNR's interpretation of Silver Lake operating levels would have unanticipated drawdowns at the Hoist Reservoir because the Dead River System appears to frequently experience insufficient natural flow to meet both reservoir elevation targets and minimum flow requirements. In an average year, taking into account surface evaporation, a two foot drawdown at Silver Lake does not provide adequate water storage to meet both target elevations and minimum flows at the Hoist Reservoir. Any impacts</p>

COMMENT NO.	STAKEHOLDER	DATE OF LETTER	COMMENT	RESPONSE
			<p>proposed mode of operation and excessive drawdown would result in unanticipated negative effects to wetlands and shallow water habitat utilized by fish and mussels and may increase rates of erosion.</p> <p>Because of UPPCO's misinterpretation of target elevation compliance, we are concerned that the Environmental Report does not accurately evaluate the environmental effects of the proposed Silver Lake rebuild. Even though UPPCO's proposed mode of operation purportedly has no bearing on project economics or their proposed rebuild option, we believe that operational compliance must be clarified in order for FERC to fully identify environmental impacts and to identify measures that would help mitigate impacts caused by the rebuild activities.</p>	<p>associated with the operation (regardless which interpretation is appropriate) of the Silver Lake Reservoir would, on a cumulative basis be less because the flows into the Hoist reservoir could be augmented. The environmental report indicates the loss of littoral habitat would be greater if the reservoir was not rebuilt. The appropriate balance between negative effects on littoral habitat at Hoist Reservoir and Silver Lake should be addressed as part of the development of the operations Monitoring Plan, not the rebuild analysis. The impacts associated with the presence of the Silver Lake Reservoir have already been addressed as part of the NEPA process for issuance of the license and therefore, need not be re-addressed in the rebuild process. The license provisions currently contain the operation and maintenance of the Silver Lake Dam and Reservoir.</p>
03N	Craig Czarnecki, FWS	3-10-08	<p>The report, however, does not describe or analyze the environmental impacts associated with a change in operation at Silver Lake. The license states that the licensee shall "...maintain Silver Lake Storage Basin water surface levels at all times above the minimum seasonal target elevations and strive to operate the existing project facilities to achieve the start of month target elevations." However, Appendix G of the report interprets the minimum seasonal target elevations as "absolute minimum" elevations and start of month target elevations as "target minimum"</p>	<p>The FWS's interpretation of Silver Lake operating levels would have unanticipated drawdowns at the Hoist Reservoir because the Dead River System appears to frequently experience insufficient natural flow to meet both reservoir elevation targets and minimum flow requirements. In an average year, taking into account surface evaporation, a two foot</p>

COMMENT No.	STAKEHOLDER	DATE OF LETTER	COMMENT	RESPONSE
			<p>elevations. Utilizing this incorrect interpretation UPPCO would hold surface water levels higher (above license specified start of month target elevations) throughout much of the year. Appendix G illustrates that this project that this operation would allow a nearly six foot drawdown of the basin during the summer months. This level of reservoir fluctuation was not considered during licensing for this project. Further, this fluctuation during the summer months could have negative impacts on wetland vegetation, aquatic invertebrates, amphibians, waterbirds, and fish. Recreational activities around the basin may also be impaired. We recommend that FERC, during preparation of a NEPA document evaluate the impacts associated with this operating scenario.</p>	<p>drawdown at Silver Lake does not provide adequate water storage to meet both target elevations and minimum flows at the Hoist Reservoir. Any impacts associated with the operation (regardless which interpretation is appropriate) of the Silver Lake Reservoir would, on a cumulative basis be less because the flows into the Hoist reservoir could be augmented. The environmental report indicates the loss of littoral habitat would be greater if the reservoir was not rebuilt. The appropriate balance between negative effects on littoral habitat at Hoist Reservoir and Silver Lake should be addressed as part of the development of the operations Monitoring Plan, not the rebuild analysis. The impacts associated with the presence of the Silver Lake Reservoir have already been addressed as part of the NEPA process for issuance of the license and therefore, need not be re-addressed in the rebuild process. The license provisions currently contain the operation and maintenance of the Silver Lake Dam and Reservoir.</p>
04N	Jim Schramm, MHRC	3-12-08	<p>On February 12, 2008, the Commission issued Notice of Intent to Prepare an Environmental Document and Soliciting Comments, Motions to Intervene and Protests for the Dead River Project (P-</p>	<p>The supplement reinforces what is already stated in Section 2.3.6 of the un-supplemented Environmental Report: "Implementation of the proposed construction and repair measures will not require modifying the current license." UPPCO proposes to operate the facility according to the requirements of the current</p>

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			<p>10855-118). Upper Peninsula Power Company (UPPCO) has filed an application to rebuild the Silver Lake Reservoir. The Coalition is concerned that the proposal deviates from the current license to the extent a license amendment and 401 Certification is required. The Coalition will be filing joint comments with the Resource Agencies on the environmental document being prepared by FERC and moves to intervene so as to become a party to the proceedings.</p>	<p>license.</p>
05N	Al and Nancy Warren	3-11-08	<p>We do not support the rebuilding of the dam at Silver Lake. Instead, we prefer that the river and riparian areas be restored to their natural condition.</p> <p>However, it is our understanding that according to its current license, the Upper Peninsula Power Company is allowed to rebuild the dam and thus restoring a free-flowing river may not be an option. If UPPCO does rebuild the dam, then Silver Lake should only be restored to operating levels in full compliance with the current license.</p> <p>UPPCO's (sic) is proposing to hold Silver Lake at higher than the target elevations throughout much of</p>	<p>The supplement reinforces what is already stated in Section 2.3.6 of the un-supplemented Environmental Report: "Implementation of the proposed construction and repair measures will not require modifying the current license." UPPCO proposes to operate the facility according to the requirements of the current license.</p>

COMMENT No.	STAKEHOLDER	DATE OF LETTER	COMMENT	RESPONSE
			<p>the year and allow for far greater drawdown over the summer. The proposed six-foot drawdown conflicts with the license which only allows for a two-foot drawdown. We are concerned that this could impact wetlands and shallow water habitat used by fish and cause increased shoreline erosion.</p>	
06N	Steven Garske	3-13-08	<p>As pointed out in comments submitted by the Michigan Department of Natural Resources, UPPCO is proposing to hold Silver Lake at a significantly higher level than the currently specified target elevations for most of the year, and then drawing down the lake 6 feet or more over the summer, in direct contradictions with the current license agreement. This more extreme disturbance regime is likely to increase erosion, and be more disruptive to shoreline vegetation and to fish and other aquatic organisms.</p> <p>Since May 2003 the water level in Silver Lake has been significantly lower than normal operating levels. I would ask that along with the costs and benefits of rebuilding the reservoir, the forthcoming NEPA analysis (sic) also consider the environmental and economic benefits of removing the dam and</p>	<p>The supplement reinforces what is already stated in Section 2.3.6 of the un-supplemented Environmental Report: "Implementation of the proposed construction and repair measures will not require modifying the current license." UPPCO proposes to operate the facility according to the requirements of the current license.</p>

COMMENT No.	STAKEHOLDER	DATE OF LETTER	COMMENT	RESPONSE
			<p>allowing the streambed to re-establish and the basin to revegetate. Economic impacts would ideally include the costs and benefits of technologies for efficient use of electricity (such as compact florescent lighting), as compared to the costs of rebuilding the reservoir.</p>	
07N	John Supnick, MDEQ	3-6-08	<p>The EA states that the UPPCO intends to operate the rebuilt Silver Lake under the current license conditions, but with the spillway elevation one foot lower than the current project configuration (1485.5 feet instead of 1486.5 feet). We believe that it may be possible to do this, but the analysis that UPPCO provided in the EA interpreted the start of month target elevations in the Section 401 Certification (Certification) for Silver Lake as target minimums, which is not consistent with the intent of the Certification. On January 3, 2008, in our comments on the agency consultation draft of the EA (copy attached), we informed the UPPCO that we could not make a determination on whether the lower spillway in a rebuilt Silver Lake would meet water quality standards until the analysis was performed using operations assumptions that are consistent with the Certification. In a February 25, 2008, conference call</p>	<p>UPPCO continues to propose operating the facility under the current license conditions with a spillway elevation approximately 1 foot lower. The supplement to the Environmental Report Clarifies this point. Exhibit G has also been supplemented to demonstrate the probability of the elevation in the lake reaching the newly proposed spillway elevation is approximately only 25 percent of the years in the future only if the reservoir elevation was allowed to exceed the target elevations listed in the license. UPPCO used the interpretation of exceeding the target elevations for the spillway analysis only because it would represent the "worst-case" scenario when it comes to evaluating the potential lost storage at Silver Lake associated with a one-foot reduction of the spillway elevation and its impact on meeting downstream license requirements.</p> <p>If the reservoir elevations were restricted to the target</p>

COMMENT No.	STAKEHOLDER	DATE OF LETTER	COMMENT	RESPONSE
			<p>with the UPPCO, we stated that we are willing to initially attempt to resolve the issue of Certification interpretation by negotiating an operations plan, which the UPPCO agreed to provide. We expect such a plan to address what appears to be a frequently expected scenario of insufficient natural flow yield in the Dead River basin to achieve all stream flow and impoundment level requirements in the Certification. If an agreement cannot be reached on an operations plan that is consistent with the Certification, then the UPPCO may wish to request a modification to the Certification. If not, then we would expect the UPPCO to strive to operate the rebuilt Silver Lake to meet all conditions in the Certification including the start of month target elevations and to initiate agency consultation when these conditions cannot be met.</p>	<p>elevations, the maximum the reservoir could raise under UPPCO's control would be 1481.5 feet (July Start of Month Target Elevation). The spillway would cease to function because there is approximately a 3.5 foot elevation difference (1485.04 feet spillway elevation and 1481.5 feet Start of Month Target Elevation for July. Therefore, if the reservoir is restricted to a maximum of 1481.5 during the year, water cannot be stored for release downstream above the 1481.5 foot elevation and the reduction of the spillway height is rendered irrelevant.</p> <p>Please note: The start of Month Target for July is used because it is the highest target elevation of the year.</p>
08N	John Suppnick, MDEQ	3-6-08	<p>In a February 25, 2008, conference call with the UPPCO, their representatives stated that they are willing to accept the possibility that they may rebuild Silver Lake and not receive authorization to operate in a manner consistent with the assumptions in the EA. Given this statement, we are not objecting to the rebuild of the dam, but want to make it clear that we</p>	<p>UPPCO agrees that the operation of the project needs to be clarified through the development of the operations monitoring plan.</p>

COMMENT NO.	STAKEHOLDER	DATE OF LETTER	COMMENT	RESPONSE
			<p>are not accepting the analysis in the EA as a demonstration that the rebuilt Silver Lake would be operated in a manner consistent with the Certification.</p>	

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JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN

DEPARTMENT OF NATURAL RESOURCES

LANSING



REBECCA A. HUMPHRIES
DIRECTOR

Refer to: 4202.2.7

March 5, 2008

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426125

Dear Secretary Bose:

SUBJECT: SILVER LAKE ENVIRONMENTAL REPORT COMMENTS (P-10855-118)

The Michigan Department of Natural Resources (DNR) has reviewed the Environmental Report for the Dead River Restoration Area Silver Lake Project dated January 2008. In this report, the Upper Peninsula Power Company (UPPCO) describes the Proposed Rebuild Option for Silver Lake which involves construction of a new dam to replace the prior emergency fuse plug, raising the height of several dams and dikes, and adding a new spillway that is approximately one foot lower than the current spillway.

The Environmental Report includes a description of the current environmental conditions as well as the potential indirect, direct, and cumulative environmental effects associated with the Proposed Rebuild Option. UPPCO maintains that both the construction and operational aspects of the Proposed Rebuild Option will have minimal or no effect on the environment. Specifically, UPPCO anticipates that negative effects from the repairs and subsequent operation of the Silver Lake Reservoir on fish and other aquatic organisms will be negligible and will include the elimination of approximately one acre of wetlands.

Paul C. Rizzo Associates, Inc. (RIZZO) was retained by UPPCO to perform an operation analysis to evaluate the effect of the proposed lower spillway sill elevation in terms of license compliance and spillway performance. Unfortunately, the mode of operation for Silver Lake as outlined in the October 25, 2007 Spillway Elevation Study by RIZZO (Appendix G of the Environmental Report) does not reflect current license conditions. Instead, the Spillway Elevation Study is based on the assumption that Silver Lake is operated such that the reservoir elevation exceeds the target elevations. As clearly stated by the Department of Environmental Quality (see Appendix H of the Environmental Report, December 11, 2007 comment letter), the target elevations are not minimum elevations; on the contrary, they are elevations that UPPCO is expected to achieve at the start of each month to the closest extent possible.

Rather than restoring Silver Lake to operating levels in compliance with the current license conditions, UPPCO's proposed mode of operation would hold Silver Lake higher than the target

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Kimberly D. Bose

-2-

March 5, 2008

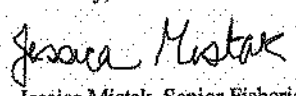
elevations throughout much of the year and allow for an approximate six foot drawdown over the summer. The excessive drawdown is in direct contradiction with the current license which only allows for a two foot drawdown from July to September. In particular, the DNR is concerned that UPPCO's proposed mode of operation and excessive drawdown would result in unanticipated negative effects to wetlands and shallow water habitat utilized by fish and mussels and may increase rates of erosion.

Because of UPPCO's misinterpretation of target elevation compliance, we are concerned that the Environmental Report does not accurately evaluate the environmental effects of the proposed Silver Lake rebuild. Even though UPPCO's proposed mode of operation purportedly has no bearing on project economics or their proposed rebuild option, we believe that operational compliance must be clarified in order for FERC to fully identify environmental impacts and to identify measures that would help mitigate impacts caused by the rebuild activities.

Lastly, the required minimum flows from Silver Lake are inaccurately stated in Section 5.4.2.1 Affected Environment-Water Quantity and should be corrected. The minimum flows in the current license are as follows: January through March- 15 cfs, April- 25 cfs or inflow, May- 20 cfs, June- 15 cfs, July through September- 10 cfs, and October through December- 15 cfs.

If you have any questions about this matter, please contact me at 906-249-1611 ext 308 or mistakjl@michigan.gov. If you wish to contact me in writing, my address is:
Marquette Fisheries Station
Michigan Department of Natural Resources
484 Cherry Creek Rd
Marquette, MI 49855

Sincerely,



Jessica Mistak, Senior Fisheries Biologist

- cc: Peter Yarrington, FERC
- Shawn Puzen, UPPCO
- Gene Mensch, KBIC
- Jim Schramm, MHRC
- Christie Deloria, FWS
- Angie Tornes, NPS
- John Suppnick, DEQ
- Steve Casey, DEQ
- Pam Stevenson, AG
- Chris Freiburger, DNR

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IN REPLY REFER TO:

United States Department of the Interior

FISH AND WILDLIFE SERVICE

East Lansing Field Office (ES)
2651 Coolidge Road, Suite 101
East Lansing, Michigan 48823-6316

March 10, 2008

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

RE: Comments on Silver Lake Environmental Report and Notice to Prepare an
Environmental Document (FERC Project # 10855)

Dear Secretary Bose:

The U.S. Fish and Wildlife Service has reviewed your notice to prepare an environmental document for the rebuilding of the Silver Lake Dam on the Dead River in Marquette County, Michigan. In addition, we have reviewed the Draft Environmental Report (November 2007) prepared by the licensee, Upper Peninsula Power Company (UPPCO). Unfortunately we were unable to obtain a copy of the Final Environmental Report from UPPCO in time for our review. Nevertheless, we believe the comments provided below are relevant and valid.

As a result of the fuse plug breach in 2003 and to meet Probable Maximum Flood dam safety requirements, UPPCO has proposed to rebuild and extend portions of the Silver Lake storage basin. The Environmental Report specifically states that the proposed project would entail 1) raising the current main dam by one foot and extending it on both ends, 2) constructing a new spillway and abandoning the old spillway, 3) constructing Dam 2 in place of the eroded fuse plug, 4) raising and extending three existing dikes (Dikes 1, 2, 3), 4) constructing a new dike, Dike 5. Less than one acre of wetland is expected to be impacted as a result of the project. The Report states that the proposed project will have minimal to no affect on the environment.

The Report, however, does not describe or analyze the environmental impacts associated with a change in operation at Silver Lake. The license states that the licensee shall "...maintain Silver Lake Storage Basin water surface levels at all times above the minimum seasonal target elevations and strive to operate the existing project facilities to achieve the start of month target elevations..." However, appendix G of the report interprets the minimum seasonal target elevations as "absolute minimum" elevations and start of month target elevations as "target minimum" elevations. Utilizing this incorrect license interpretation UPPCO would hold surface water levels higher (above license specified start of month target elevations) throughout much of the year. Appendix O

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illustrates that this operation would allow a nearly six foot drawdown of the basin during the summer months. This level of reservoir fluctuation was not considered during licensing for this project. Further, this fluctuation during the summer months could have negative impacts on wetland vegetation, aquatic invertebrates, amphibians, waterbirds, and fish. Recreational activities around the basin may also be impaired. We recommend that FERC, during preparation of a NEPA document, evaluate the impacts associated with this operating scenario.

We appreciate the opportunity to provide our comments. If further assistance is needed or you have any questions, please contact Christie Deloria-Sheffield of our Upper Peninsula sub-office at (906) 226-1240.

Sincerely,



Craig A. Czarnecki
Field Supervisor

cc: John Suppnick, MDEQ, Lansing
Jessica Mistak, MDNR, Marquette
Steve Casey, MDEQ, Gwinn
Jim Schramm, MHRC
Gene Mensch, KBIC
Peter Yarrington, FERC, Washington, DC
Shawn Puzen, UPPCO
Jeff Gosse, USFWS

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Comment of Steven Garske In Docket(s)/Project(s) P-10855-118
Submission Date: 3/13/2008

March 13, 2008

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

Subject: Upper Peninsula Power Company application to rebuild the Silver Lake Reservoir, part of the Dead River Hydroelectric Project (Project No. 10855-118) on the Dead River in Marquette County, Michigan.

Dear Secretary Bose,

As stated in the notice in the Federal Register (February 20, 2008), Upper Peninsula Power Company has filed an application to rebuild and modify the Silver Lake Reservoir on the Dead River in Marquette County, Michigan. Refilling the reservoir will require major reconstruction, including raising the height of the main dam and smaller dikes and side dams, and adding a new spillway. The Federal Register notice states that the Federal Energy Regulatory Commission (FERC) will prepare an environmental analysis under the National Environmental Policy Act (NEPA), to identify environmental impacts and ways to help mitigate the impacts caused by rebuilding the reservoir.

As pointed out in comments submitted by the Michigan Department of Natural Resources, UPPCO is proposing to hold Silver Lake at a significantly higher level than the currently specified target elevations for most of the year, and then drawing down the lake 6 feet or more over the summer, in direct contradiction with the current license agreement. This more extreme disturbance regime is likely to increase erosion, and be more disruptive to shoreline vegetation and to fish and other aquatic organisms.

Since May 2003 the water level in Silver Lake has been significantly lower than normal operating levels. I would ask that along with the costs and benefits of rebuilding the reservoir, the forthcoming NEPA analysis also consider the environmental and economic benefits of removing the dam and allowing the streambed to re-establish and the basin to revegetate. Economic impacts would ideally include the costs and benefits of technologies for efficient use of electricity (such as compact fluorescent lighting), as compared to the costs of rebuilding the reservoir.

Thank you for considering my comments.

Steven Garske
PO Box 4
Merensisco, MI 49947

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PO Box 102
Ewen, MI 49925
906 988-2892
March 11, 2008

Kimberly D Bose
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

Dear Secretary Bose:

Re: Silver Lake Comments P-10855-118

We do not support the rebuilding of the dam at Silver Lake. Instead, we prefer that the river and riparian areas be restored to their natural condition.

However, it is our understanding that according to its current license, the Upper Peninsula Power Company is allowed to rebuild the dam and thus restoring a free-flowing river may not be an option. If UPPCO does rebuild the dam, then Silver Lake should only be restored to operating levels in full compliance with the current license.

UPPCO's is proposing to hold Silver Lake at higher than the target elevations throughout much of the year and allow for far greater drawdown over the summer. The proposed six-foot drawdown conflicts with the license which only allows for a two-foot drawdown. We are concerned that this could impact wetlands and shallow water habitat used by fish and cause increased shoreline erosion.

Sincerely,

Nancy Warren

Al Warren



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



STEVEN E. CHESTER
DIRECTOR

March 6, 2008

Ms. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

Dear Ms. Bose:

Subject: Dead River Hydroelectric Project, Rebuild of Silver Lake, COMMENTS
Project 10855-118

This letter provides comments from the Michigan Department of Environmental Quality (MDEQ), Water Bureau, on the proposed rebuild of Silver Lake and the document titled, "Environmental Report Dead River Restoration Area Silver Lake Project FERC Project NO. 10855-MI," (hereafter Environmental Assessment [EA]), which was authored by Paul C. Rizzo Associates, Inc., and dated January 2008. In addition, we outline the status of negotiations with the Upper Peninsula Power Company (UPPCO) regarding the operations plan for the Dead River project.

The EA states that the UPPCO intends to operate the rebuilt Silver Lake under the current license conditions, but with the spillway elevation one foot lower than the current project configuration (1485.5 feet instead of 1486.5 feet). We believe that it may be possible to do this, but the analysis that UPPCO provided in the EA interpreted the start of month target elevations in the Section 401 Certification (Certification) for Silver Lake as target minimums, which is not consistent with the intent of the Certification. On January 3, 2008, in our comments on the agency consultation draft of the EA (copy attached), we informed the UPPCO that we could not make a determination on whether the lower spillway in a rebuilt Silver Lake would meet water quality standards until the analysis was performed using operations assumptions that are consistent with the Certification. In a February 25, 2008, conference call with the UPPCO, we stated that we are willing to initially attempt to resolve the issue of Certification interpretation by negotiating an operations plan, which the UPPCO agreed to provide. We expect such a plan to address what appears to be a frequently expected scenario of insufficient natural flow yield in the Dead River basin to achieve all stream flow and impoundment level requirements in the Certification. If an agreement cannot be reached on an operations plan that is consistent with the Certification, then the UPPCO may wish to request a modification to the Certification. If not, then we would expect the UPPCO to strive to operate the rebuilt Silver Lake to meet all conditions in the Certification including the start of month target elevations and to initiate agency consultation when these conditions cannot be met.

In a February 25, 2008, conference call with the UPPCO, their representatives stated that they are willing to accept the possibility that they may rebuild Silver Lake and not receive authorization to operate in a manner consistent with the assumptions in the EA. Given this statement, we are not objecting to the rebuild of the dam, but want to make it clear that we are not accepting the analysis in the EA as a demonstration that the rebuilt Silver Lake would be operated in a manner consistent with the Certification.

Ms. Kimberly D. Bose

2

March 6, 2008

If you have any questions about these comments, please contact me.

Sincerely,

John Supnick
Upper Peninsula Unit
Surface Water Assessment Section
Water Bureau
517-335-4192

js:dp

cc: Mr. Shawn Puzen, Integrys Business Support
Mr. Peter Yarrington, FERC
Ms. Jessica Mistak, MDEQ
Mr. Steven Casey, MDEQ
Mr. Gerald Saalfeld/Section 401 File, MDEQ