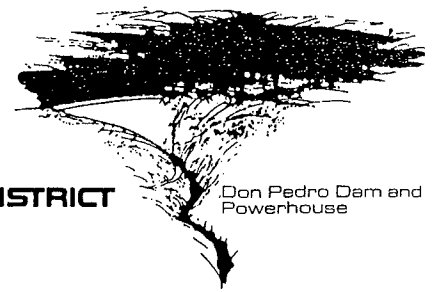


TURLOCK IRRIGATION DISTRICT
333 EAST CANAL DRIVE
POST OFFICE BOX 949
TURLOCK, CALIFORNIA 95381
(209) 883-8300



Don Pedro Dam and
Powerhouse

May 12, 2008

(via e-mail)

Tim Heyne
California Dept. of Fish and Game
P.O. Box 10
La Grange, CA 95329

Deborah Giglio
U.S. Fish and Wildlife Service
2800 Cottage Way, W-2605
Sacramento, CA 95825

RE: Tuolumne River 2008-2009 FERC Article 37 Flow Schedule for P-2299

Dear Fishery Agency Representatives:

The following information is being provided in an effort to keep all parties up-to-date on the latest runoff projections for the Tuolumne River; the releases planned from the Don Pedro Reservoir; and a chronological reference to the actions and activities of the Districts for the 2008-2009 Fish Flow Year.

Our letter of March 21, 2008 (attached) provided preliminary information for the 2008-2009 Fish Flow Year beginning April 15, pursuant to the 1996 FERC Order, Amended Article 37, for the volume of required stream flows based on the DWR March 18, San Joaquin Basin 60-20-20 Index forecast. That letter represented the seventh DWR update for the year. These updates or forecasts and the corresponding Fish Flow volumes have been sent by TID for your information. Included in our correspondence were additional data that contained current trends and projections. TID has since provided your agencies with updated information based on five more DWR forecasts and the associated data mentioned above, as well as provided additional proposed daily flow schedules (see Table 1).

The 2008 Water Year is another dry year with the runoff forecasts decreasing since February 26. The DWR April 1, 60-20-20 San Joaquin Basin Index forecast was calculated to be 2.465792 for 50% exceedance and 2.093792 for 90% exceedance. The calculated forecast dropped to 2.405792 for 50% exceedance and 2.063792 for 90% exceedance with the DWR April 8, update. The calculated forecast again dropped to 2.333792 for 50% exceedance and 2.015792 for 90% exceedance with the DWR April 15, update. The applicable Article 37 basin index thresholds are 2.183 for 50% exceedance and 1.964 for 90% exceedance in accordance with our letter of December 6, 2007. Those April 15, values correspond to annual volumes of 127,506 AF (including 37,060 AF out migration pulse flow for Median-Dry year type) and 117,016 AF (including 32,619 AF out migration pulse flow for Intermediate Critical-Dry year type) respectively, exclusive of additional water provisionally available based on interpolation. Runoff forecast numbers continued to decline in the 60-20-20 San Joaquin Basin Index based on the DWR April 22, update.

The 2008 Vernalis Adaptive Management Plan (VAMP) flow period is from April 22-May 22 with a corresponding flow period for La Grange releases of April 20-May 20. The District has been coordinating daily flow schedules for the spring pulse flow period with your agencies through the VAMP process.



WATER & POWER
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Tim Heyne, California Dept. of Fish and Game
Deborah Giglio, U.S. Fish and Wildlife Service
May 12, 2008
Page 2

During a conference call regarding spring pulse flow/VAMP period operations held on April 18, there was agreement between CDFG, USFWS, and the Districts on the allocation of 37,060 AF of water to meet the required Article 37, Table 2, FERC Flow Schedule based upon the April 15, index and, if needed, the lowering of the base flow allocation after September if extremely dry conditions persist. (Confirming e-mails from both CDFG and USFWS are attached.) Any later adjustment would be to maintain the annual volume as determined by the final basin index value. Summer base flow levels would be either 50 or 75 cfs (exclusive of any potential allocation of interpolation water), subject to basin index forecasts after the pulse flow period when more current hydrologic data is available.

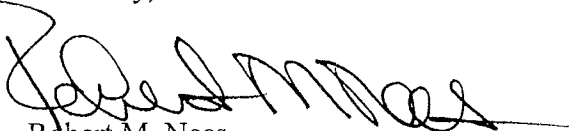
The NMFS staff member participating on the April 18, conference call concurred with the selected flow schedule pending agreement from senior management. However, the supervisor of the NMFS Sacramento office stated in a subsequent telephone conversation with Wes Monier of TID on April 22, that developing or commenting on flow schedules was not within the purview of NMFS.

Since the development of the spring flows, (which includes the spring pulse flow of 37,060 AF; the base flows; consideration of fall and winter flows after September; and the ultimate goal of making sure the 60-20-20 index and the associated total annual minimum flow requirement is met) was consistent and in keeping with the Article 37 requirements of the FERC License, no official notification of FERC is required. (Please note, however, that as a courtesy and matter of practice, FERC is copied on this correspondence.)

Attached is the most current Tuolumne River Article 37 flow schedule starting April 15, utilizing 37,060 AF in spring pulse flow. Due to the dry year, the final annual Fish Flow Year volume will not be available until August after the 60-20-20 basin index is finalized.

If you have any questions, please contact Wes Monier at 209-883-8321.

Sincerely,



Robert M. Nees
Director of Water Resources and Regulatory Affairs

C: Larry Weis - TID
Allen Short -- MID
Roger Guinee -- USFWS
Jeff Stuart - NMFS
FERC Secretary

Table 1

**SAN JOAQUIN VALLEY WATER YEAR HYDROLOGIC CLASSIFICATION
602020 INDEX**

YEAR	APRIL-JULY RUNOFF (AF)			OCTOBER-MARCH RUNOFF (AF)			TOTAL	602020 INDEX	TUOLUMNE RIVER MINIMUM FLOW REQUIREMENT	San Joaquin Index (not the FERC index)	RANKING
	TUOLUMNE	MERCED	FRIANT	TUOLUMNE	MERCED	FRIANT					
Feb 1 Forecast											
Dry	440,000	790,000	400,000	208,750	297,500	314,000	973,000	2,074,121	122,298	Critical	
Average	670,000	1,180,000	580,000	261,751	399,657	353,752	1,220,803	2,819,681	197,286	Below Normal	
Wet	1,130,000	1,970,000	1,090,000	371,563	593,125	595,500	1,937,250	4,510,971	300,923	Wet	
Feb 12 Update											
Dry	470,000	830,000	420,000	208,750	297,500	314,000	973,000	2,140,121	125,454	Dry	
Average	680,000	1,170,000	580,000	261,751	399,657	353,752	1,220,803	2,813,681	195,339	Below Normal	
Wet	1,110,000	1,900,000	1,030,000	371,563	593,125	595,500	1,937,250	4,386,971	300,923	Wet	
Feb 21 Update											
Dry	460,000	810,000	400,000	208,750	297,500	314,000	973,000	2,086,121	122,872	Critical	
Average	650,000	1,120,000	550,000	261,751	399,657	353,752	1,220,803	2,711,681	164,399	Below Normal	
Wet	1,070,000	1,800,000	980,000	371,563	593,125	595,500	1,937,250	4,174,971	300,923	Wet	
Feb 26 Update											
Dry	530,000	960,000	480,000	208,750	297,500	314,000	973,000	2,374,121	140,520	Dry	
Average	710,000	1,240,000	620,000	261,751	399,657	353,752	1,220,803	2,957,681	242,064	Below Normal	
Wet	1,110,000	1,860,000	990,000	371,563	593,125	595,500	1,937,250	4,324,971	300,923	Wet	
Mar 1 Forecast											
Dry	530,000	960,000	470,000	202,500	351,250	261,250	1,003,750	2,344,271	138,487	Dry	
Average	700,000	1,220,000	610,000	240,558	400,393	306,060	1,159,780	2,885,477	218,636	Below Normal	
Wet	1,090,000	1,840,000	980,000	369,375	530,938	453,438	1,645,313	4,152,583	300,923	Wet	
Mar 11 Update											
Dry	520,000	930,000	450,000	240,558	400,393	306,060	1,159,780	2,315,477	136,526	Dry	
Average	680,000	1,160,000	580,000	240,558	400,393	306,060	1,159,780	2,777,477	183,592	Below Normal	
Wet	1,020,000	1,710,000	890,000	240,558	400,393	306,060	1,159,780	3,803,477	300,923	Wet	
Mar 18 Update											
Dry	520,000	920,000	440,000	221,529	375,822	283,655	1,081,765	2,281,874	134,238	Dry	
Average	670,000	1,130,000	560,000	221,529	375,822	283,655	1,081,765	2,707,874	164,129	Below Normal	
Wet	980,000	1,620,000	850,000	221,529	375,822	283,655	1,081,765	3,631,874	300,923	Above Normal	
Mar 25 Update											
Dry	500,000	890,000	420,000	221,529	375,822	283,655	1,081,765	2,215,874	129,743	Dry	
Average	640,000	1,080,000	530,000	221,529	375,822	283,655	1,081,765	2,605,874	156,888	Below Normal	
Wet	920,000	1,520,000	790,000	221,529	375,822	283,655	1,081,765	3,433,874	300,923	Above Normal	
Apr 01 Forecast											
Dry	450,000	840,000	390,000	207,940	334,052	267,895	981,356	2,093,792	123,239	Critical	
Average	590,000	1,010,000	490,000	207,940	334,052	267,895	981,356	2,465,792	146,943	Dry	
Wet	840,000	1,400,000	730,000	207,940	334,052	267,895	981,356	3,197,792	300,923	Above Normal	
Apr 08 Update											
Dry	440,000	830,000	380,000	207,940	334,052	267,895	981,356	2,063,792	121,804	Critical	
Average	570,000	980,000	470,000	207,940	334,052	267,895	981,356	2,405,792	142,684	Dry	
Wet	790,000	1,320,000	680,000	207,940	334,052	267,895	981,356	3,047,792	271,303	Below Normal	
Apr 15 Update											
Dry	430,000	800,000	370,000	207,940	334,052	267,895	981,356	2,015,792	119,508	Critical	
Average	550,000	940,000	450,000	207,940	334,052	267,895	981,356	2,333,792	137,773	Dry	
Wet	730,000	1,230,000	630,000	207,940	334,052	267,895	981,356	2,879,792	216,791	Below Normal	
Apr 22 Update											
Dry	420,000	790,000	360,000	207,940	334,052	267,895	981,356	1,985,792	118,073	Critical	
Average	530,000	910,000	430,000	207,940	334,052	267,895	981,356	2,273,792	133,668	Dry	
Wet	680,000	1,150,000	580,000	207,940	334,052	267,895	981,356	2,729,792	168,119	Below Normal	

TABLE 2
Tuolumne River Flow Schedule
SCHEDULE FOR 2008 - 2009 Fish Flow Year

DATE		Number of DAYS	Flow			Flow for Average			Interpolation Flow			Total FERC Flow	
			CFS	AF	ACCUM. A.F.	CFS	AF	ACCUM. A.F.	CFS	AF	ACCUM. A.F.	CFS	ACCUM. A.F.
15-Apr-2008	15-Apr-2008	1	150	298	298	0	0	0	0	0	0	150	298
16-Apr-2008	16-Apr-2008	1	150	298	595	0	0	0	0	0	0	150	595
17-Apr-2008	17-Apr-2008	1	150	298	893	0	0	0	0	0	0	150	893
18-Apr-2008	18-Apr-2008	1	150	298	1,190	0	0	0	0	0	0	150	1,190
19-Apr-2008	19-Apr-2008	1	150	298	1,488	0	0	0	0	0	0	150	1,488
20-Apr-2008	20-Apr-2008	1	150	298	1,785	950	1,884	1,884	0	0	0	1,100	3,669
21-Apr-2008	21-Apr-2008	1	150	298	2,083	950	1,884	3,769	0	0	0	1,100	5,851
22-Apr-2008	22-Apr-2008	1	150	298	2,380	950	1,884	5,653	0	0	0	1,100	8,033
23-Apr-2008	23-Apr-2008	1	150	298	2,678	950	1,884	7,537	0	0	0	1,100	10,215
24-Apr-2008	24-Apr-2008	1	150	298	2,975	950	1,884	9,421	0	0	0	1,100	12,397
25-Apr-2008	25-Apr-2008	1	150	298	3,273	750	1,488	10,909	0	0	0	900	14,182
26-Apr-2008	26-Apr-2008	1	150	298	3,570	600	1,190	12,099	0	0	0	750	15,669
27-Apr-2008	27-Apr-2008	1	150	298	3,868	500	992	13,091	0	0	0	650	16,959
28-Apr-2008	28-Apr-2008	1	150	298	4,165	400	793	13,884	0	0	0	550	18,050
29-Apr-2008	29-Apr-2008	1	150	298	4,463	400	793	14,678	0	0	0	550	19,140
30-Apr-2008	30-Apr-2008	1	150	298	4,760	400	793	15,471	0	0	0	550	20,231
01-May-2008	01-May-2008	1	150	298	5,058	400	793	16,264	0	0	0	550	21,322
02-May-2008	02-May-2008	1	150	298	5,355	400	793	17,058	0	0	0	550	22,413
03-May-2008	03-May-2008	1	150	298	5,653	400	793	17,851	0	0	0	550	23,504
04-May-2008	04-May-2008	1	150	298	5,950	400	793	18,645	0	0	0	550	24,595
05-May-2008	05-May-2008	1	150	298	6,248	950	1,884	20,529	0	0	0	1,100	26,777
06-May-2008	06-May-2008	1	150	298	6,545	950	1,884	22,413	0	0	0	1,100	28,959
07-May-2008	07-May-2008	1	150	298	6,843	950	1,884	24,298	0	0	0	1,100	31,140
08-May-2008	08-May-2008	1	150	298	7,140	950	1,884	26,182	0	0	0	1,100	33,322
09-May-2008	09-May-2008	1	150	298	7,438	950	1,884	28,066	0	0	0	1,100	35,504
10-May-2008	10-May-2008	1	150	298	7,736	750	1,488	29,554	0	0	0	900	37,289
11-May-2008	11-May-2008	1	150	298	8,033	600	1,190	30,744	0	0	0	750	38,777
12-May-2008	12-May-2008	1	150	298	8,331	500	992	31,736	0	0	0	650	40,066
13-May-2008	13-May-2008	1	150	298	8,628	400	793	32,529	0	0	0	550	41,157
14-May-2008	14-May-2008	1	150	298	8,926	400	793	33,322	0	0	0	550	42,248
15-May-2008	15-May-2008	1	150	298	9,223	400	793	34,116	0	0	0	550	43,339
16-May-2008	16-May-2008	1	150	298	9,521	400	793	34,909	0	0	0	550	44,430
17-May-2008	17-May-2008	1	150	298	9,818	400	793	35,702	0	0	0	550	45,521
18-May-2008	18-May-2008	1	150	298	10,116	300	595	36,298	0	0	0	450	46,413
19-May-2008	19-May-2008	1	150	298	10,413	200	397	36,694	0	0	0	350	47,107
20-May-2008	20-May-2008	1	150	298	10,711	125	248	36,942	0	0	0	275	47,653
21-May-2008	21-May-2008	1	150	298	11,008	60	119	37,061	0	0	0	210	48,069
22-May-2008	22-May-2008	1	150	298	11,306	0	0	37,061	0	0	0	150	48,367
23-May-2008	23-May-2008	1	150	298	11,603	0	0	37,061	0	0	0	150	48,664
24-May-2008	24-May-2008	1	150	298	11,901	0	0	37,061	0	0	0	150	48,962
25-May-2008	25-May-2008	1	150	298	12,198	0	0	37,061	0	0	0	150	49,260
26-May-2008	26-May-2008	1	150	298	12,496	0	0	37,061	0	0	0	150	49,557
27-May-2008	27-May-2008	1	150	298	12,793	0	0	37,061	0	0	0	150	49,855
28-May-2008	28-May-2008	1	150	298	13,091	0	0	37,061	0	0	0	150	50,152
29-May-2008	29-May-2008	1	150	298	13,388	0	0	37,061	0	0	0	150	50,450
30-May-2008	30-May-2008	1	150	298	13,686	0	0	37,061	0	0	0	150	50,747
31-May-2008	31-May-2008	1	150	298	13,983	0	0	37,061	0	0	0	150	51,045
01-Jun-2008	01-Jun-2008	1	75	149	14,132	0	0	37,061	0	0	0	75	51,193
02-Jun-2008	02-Jun-2008	1	75	149	14,281	0	0	37,061	0	0	0	75	51,342
03-Jun-2008	03-Jun-2008	1	75	149	14,430	0	0	37,061	0	0	0	75	51,491
04-Jun-2008	04-Jun-2008	1	75	149	14,579	0	0	37,061	0	0	0	75	51,640
05-Jun-2008	30-Jun-2008	26	75	3,868	18,446	0	0	37,061	0	0	0	75	55,507
01-Jul-2008	31-Jul-2008	31	75	4,612	23,058	0	0	37,061	0	0	0	75	60,119
01-Aug-2008	31-Aug-2008	31	75	4,612	27,669	0	0	37,061	0	0	0	75	64,731
01-Sep-2008	10-Sep-2008	10	75	1,488	29,157	0	0	37,061	0	0	0	75	66,218
11-Sep-2008	13-Sep-2008	3	75	446	29,603	0	0	37,061	0	0	0	75	66,664
14-Sep-2008	30-Sep-2008	17	75	2,529	32,132	0	0	37,061	0	0	0	75	69,193
01-Oct-2008	05-Oct-2008	5	150	1,488	33,620	0	0	37,061	0	0	0	150	70,681
06-Oct-2008	10-Oct-2008	5	150	1,488	35,107	0	0	37,061	0	0	0	150	72,169
11-Oct-2008	26-Oct-2008	16	150	4,760	39,868	0	0	37,061	0	0	0	150	76,929
27-Oct-2008	28-Oct-2008	2	150	595	40,463	0	0	37,061	0	0	0	150	77,524
29-Oct-2008	29-Oct-2008	1	150	298	40,760	0	0	37,061	0	0	0	150	77,821
30-Oct-2008	30-Oct-2008	1	150	298	41,058	0	0	37,061	0	0	0	150	78,119
31-Oct-2008	31-Oct-2008	1	150	298	41,355	0	0	37,061	0	0	0	150	78,417
01-Nov-2008	16-Nov-2008	16	150	4,760	46,116	0	0	37,061	0	0	0	150	83,177
17-Nov-2008	30-Nov-2008	14	150	4,165	50,281	0	0	37,061	0	0	0	150	87,342
01-Dec-2008	31-Dec-2008	31	150	9,223	59,504	0	0	37,061	0	0	0	150	96,565
01-Jan-2009	31-Jan-2009	31	150	9,223	68,727	0	0	37,061	0	0	0	150	105,788
01-Feb-2009	28-Feb-2009	28	150	8,331	77,058	0	0	37,061	0	0	0	150	114,119
01-Mar-2009	31-Mar-2009	31	150	9,223	86,281	0	0	37,061	0	0	0	150	123,342
01-Apr-2009	14-Apr-2009	14	150	4,165	90,446	0	0	37,061	0	0	0	150	127,507

No. of days 365 (April 15 through April 14)

Interpolation 10,266

137,773

From: "Tim Heyne" <THEYNE@dfg.ca.gov>
To: <Roger_Guinee@fws.gov>, <fwmonier@tid.org>
Date: 4/18/2008 10:09 AM
Subject: Re: 2008 San Joaquin River Index Update and Tuolumne Forecast Based on April

CC: <Derek_Hilts@fws.gov>, <Nick_Hindman@fws.gov>, <diane.windham@noaa.gov>, ...
Wes

In case it is required from CDFG, I want to say that we will agree to work out adjustments to flow following spring flows as needed for us to use the 50% exceedance for spring flows. I also agree with the peaking pattern that was developed for the pulse flow period.

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

From: <Roger_Guinee@fws.gov>
Cc: Heyne, Tim <THEYNE@dfg.ca.gov>
Cc: <Derek_Hilts@fws.gov>
Cc: <Nick_Hindman@fws.gov>
Cc: <diane.windham@noaa.gov>
Cc: <j.stuart@noaa.gov>
Cc: <maria.rea@noaa.gov>
To: Monier, Wes <fwmonier@tid.org>

Sent: 4/18/2008 9:58:06 AM
Subject: Re: 2008 San Joaquin River Index Update and Tuolumne Forecast Based on April 15 Update

Wes,

As a followup to my previous email, my understanding is the 50% exceedance flows in the Tuolumne during VAMP will be 750 cfs, resulting in a VAMP flow objective at Vernalis of 3,200 cfs.

We understand that if it stays dry through the end of September, there may be a risk that flows from October, 2008 through April, 2009 may be reduced by up to 6 cfs from the current base flow projections. We concur with NMFS' comments on this morning's call that there will not be any flow reductions during the summer months (June through September).

Again, please let me know if you need any more information or have any questions.

Roger Guinee
(916) 414-6537

Wes,

Thank you for the email. I have reviewed your email, and after our discussion on this morning's VAMP conference call, we concur with the use of the 50% exceedance for the VAMP existing flow, and we concur with items (1), (2) and (3) in your email below.

Please let me know if you need any more information or have any questions.

Roger Guinee (916) 414-6537

"Wes Monier"
 <fwmonier@tid.org
 >
 To
 "Dennis Blakeman"
 04/17/2008 04:58 PM <DBLAKEMAN@dfg.ca.gov>, "Dale Mitchell" <DFMITCHELL@dfg.ca.gov>, "Dean Marston" <DMarston@dfg.ca.gov>, "Tim Heyne" <theyne@dfg.ca.gov>, "William Loudermilk" <WLouderm@dfg.ca.gov>, <deborah_giglio@fws.gov>, "Nick Hindman" <Nick_Hindman@fws.gov>, "Roger Guinee" <roger_guinee@fws.gov>, "Walter Ward" <walterw@mid.org>, "Jeffrey Stuart" <J.Stuart@noaa.gov>, <maria.rea@noaa.gov>, "Debbie Liebersbach" <dcliebersbach@tid.org>, "Donn Furman" <donn_w_furman.sf.ca.us.ci@tid.org>, "Jason Carkeet" <jacarkeet@tid.org>, "Jeff Barton" <jtbarton@tid.org>, "Randy Baysinger" <rcbaysinger@tid.org>, "Robert M. Nees" <rmnees@tid.org>, "Tim Ford" <tjford@tid.org>
 cc
 "Derek Hilts (E-mail)" <Derek_Hilts@fws.gov>, "Jeff McLain" <Jeff_McLain@fws.gov>, "<Mike Archer", <tselb@mercedid.org>, "Elizabeth Kiteck" <ekiteck@mp.usbr.gov>, <eric.theiss@noaa.gov>, <erin.strange@noaa.gov>
 Subject
 2008 San Joaquin River Index Update and Tuolumne Forecast Based on April 15 Update

Attached is a spreadsheet (sanjoaqn 2008010.xls) with the DWR April 15th

update forecast and the resulting 60-20-20 Index and Tuolumne River Minimum Flow Requirement under the dry, average and wet conditions. The 60-20-20 Index dropped by 72,000 af under the 50% Exceedence and by 48,000 af under the 90% Exceedence. Those correspond to reductions of FERC flow volume of 4,911 AF (now 137,773) at 50% level and 2,296 AF (now 119,508) at the 90% level from last week's values.

Also attached is a graph that shows the trend continuing down and the corresponding numbers are less than 2004. The 50% Exceedence now has moved down into the Median Dry classification with the base flows currently at the 150 cfs level. We will continue at this level until the pulse flow starts.

Again, we need concurrence on (1) allocations and daily schedules during the spring pulse flow period, (2) addressing adjustments that may be required during VAMP if adjustment is requested of the FERC schedule, and (3) addressing base flows later in the year if they are affected by higher allocations in the spring.

As indicated before, we would prefer to use the spring pulse flow volume based on the April 15th DWR 50% Exceedence (now 37,060 AF), and with a variable pattern. However, those flows could now cause an over release by about 2200 af if the actual 60-20-20 index ends up at the current 90% Exceedence level. This would be equivalent to dropping the base flows by about 6 cfs through out the fall/winter starting October 1. We feel that this would be insignificant compared with the difference in spring flow. Summer flows could remain unaffected at either the 50 or 75 cfs level, depending on the year type, which should be better judged after the spring pulse is over.

There is a conference call at 8:30 am tomorrow, Friday, that will determine the schedule of flows for VAMP. We need concurrence prior to that call to help determine the existing flow for that process and to establish a pulse starting on Sunday that is different than the identified default for the current dry conditions which is a flat 670 cfs using the 90% year type.

If there are any questions, please give me a call at 209-883-8321.

Thanks

Wes(See attached file: sanjoaqn 2008010 0417.xls)(See attached file: graph.xls)