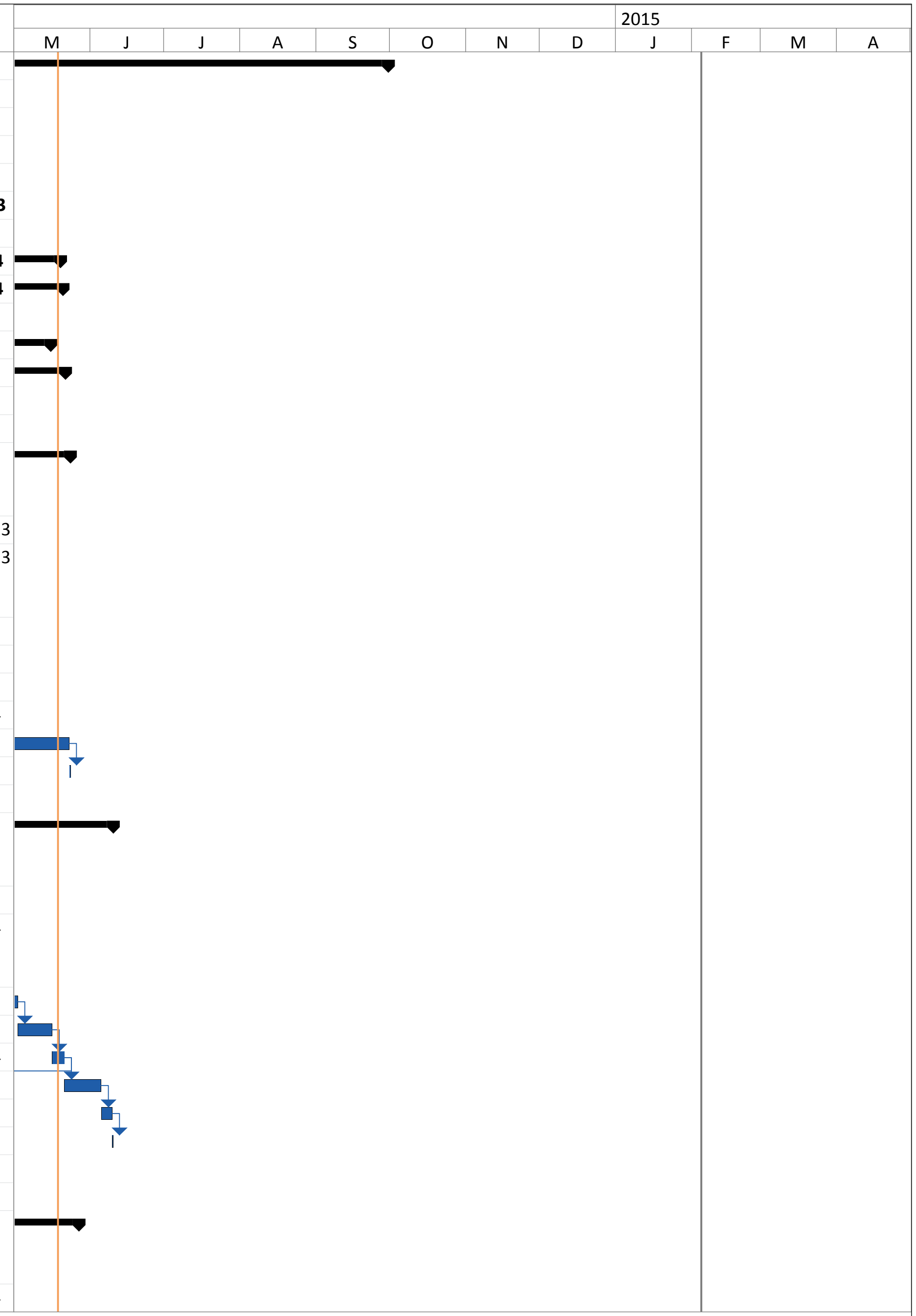
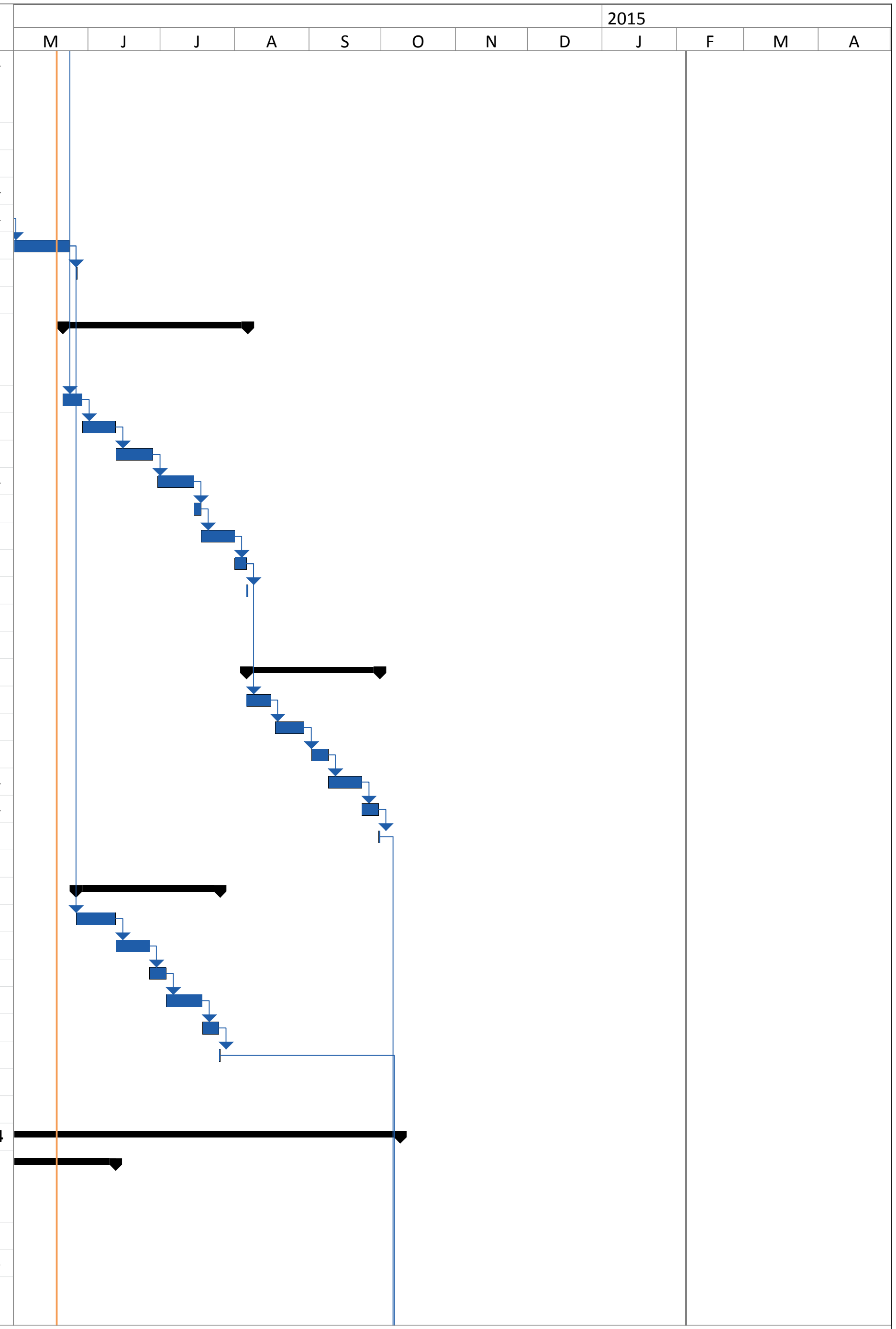
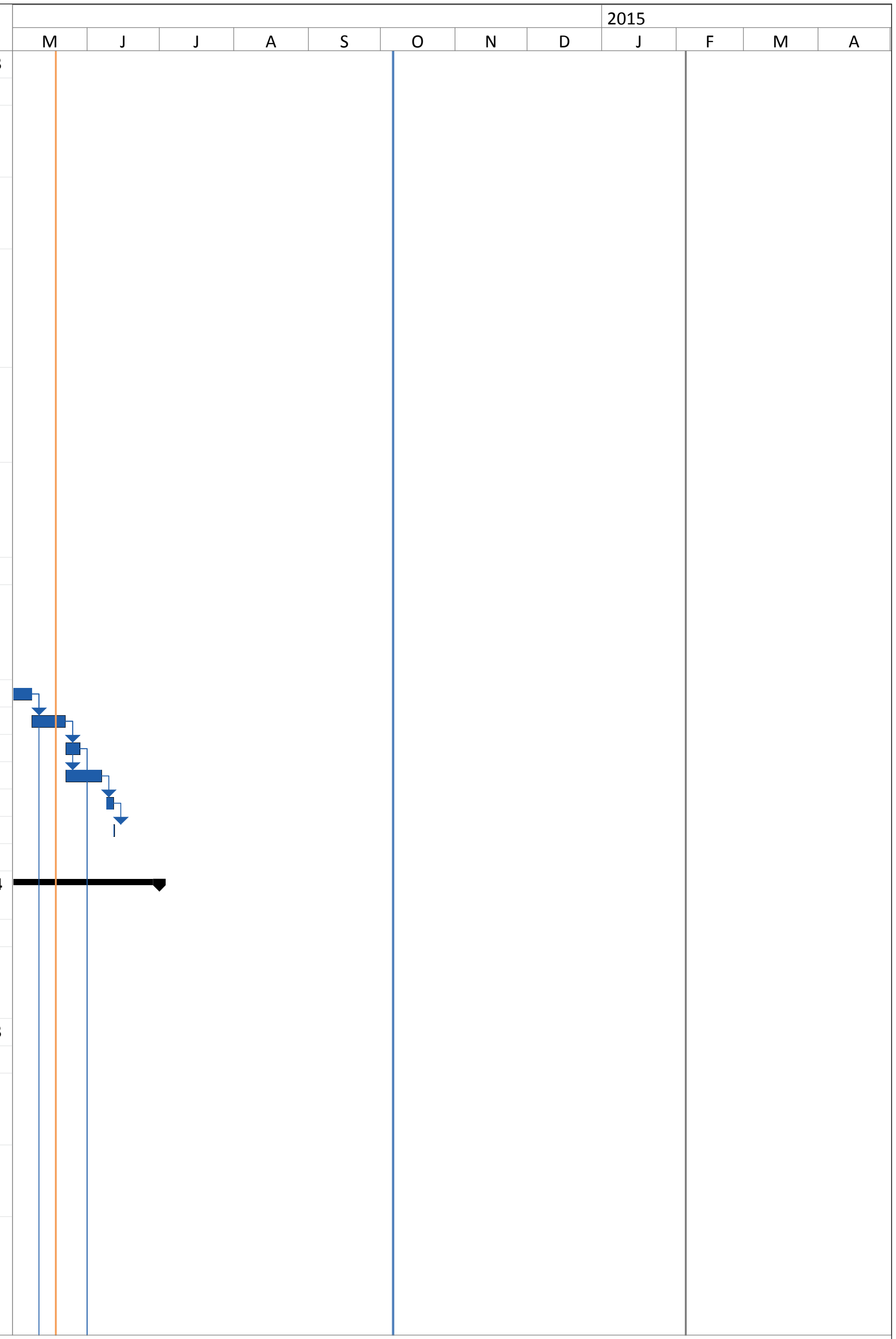
ID	Progress	Task Name	Start	Finish
1		**300/600 FCS-CNS MISSOURI RIVER PMF ANALYSES**	**Fri 6/22/12**	**Tue 9/30/14**
2	100%	**310 FCS - Update/Calibrate Existing Steady State HEC-RAS Model**	**Fri 6/22/12**	**Fri 1/24/14**
48	100%	**610 CNS - Update/Calibrate Existing Steady State HEC-RAS Model**	**Fri 6/22/12**	**Fri 1/24/14**
93				
94	100%	**320 FCS - Develop PMP**	**Mon 8/27/12**	**Thu 5/23/13**
123	100%	**620 CNS - Develop PMP**	**Tue 10/9/12**	**Thu 10/24/13**
143				
144	100%	**330 FCS - Develop PMF using HEC-HMS**	**Tue 5/14/13**	**Mon 5/19/14**
198	100%	**630 CNS - Develop PMF using HEC-HMS**	**Wed 5/1/13**	**Wed 5/21/14**
250				
251	100%	**340 FCS - PMF Routing using Unsteady HEC-RAS**	**Fri 8/9/13**	**Thu 5/15/14**
287	100%	**640 CNS - PMF Routing using HEC-RAS**	**Fri 7/6/12**	**Thu 5/22/14**
324				
325				
326		**660 CNS - Develop Site Hydraulic 2D Model and Evaluate Site Specific Erosion-Sedimentation-Debris Effects for the PMF Hazard**	**Tue 9/3/13**	**Fri 5/23/14**
327	100%	660.1 Model Development, Calibration, Validation, and Execution	Tue 9/3/13	Mon 10/28/13
328	100%	660.2 Evaluate Site Specific erosion/sedimentation/debris for PMF hazard (Detailed Hydraulic Analysis)	Mon 12/2/13	Mon 12/23/13
329	100%	660.3 Report Preparation	Mon 12/23/13	Thu 1/30/14
330	100%	660.4 S&L Review	Thu 1/30/14	Thu 2/13/14
331	100%	660.5 S&L Comment Resolution	Thu 2/13/14	Mon 3/3/14
332	100%	660.6 Client Review	Mon 3/3/14	Wed 3/26/14
333	100%	660.7 Client Comment Resolution	Wed 3/26/14	Fri 5/23/14
334		660.8 Technical Approval and Documentation	Fri 5/23/14	Fri 5/23/14
335				
336		**360 FCS - Develop Site 2D Hydraulic Model and Evaluate Site Specific Erosion-Sedimentation-Debris Effects for the PMF Hazard**	**Wed 1/22/14**	**Tue 6/10/14**
337	100%	360.1 Model Development, Calibration, Validation, and Execution	Wed 1/22/14	Wed 3/5/14
338	100%	360.2 Evaluate Site Specific erosion/sedimentation/debris for PMF hazard	Wed 3/5/14	Wed 3/26/14
339	100%	360.3 Report Preparation	Wed 3/26/14	Fri 5/2/14
340	100%	360.4 S&L Review	Fri 5/2/14	Fri 5/16/14
341		360.5 S&L Comment Resolution	Fri 5/16/14	Wed 5/21/14
342		360.6 Client Review	Wed 5/21/14	Thu 6/5/14
343		360.7 Client Comment Resolution	Thu 6/5/14	Mon 6/9/14
344		360.8 Technical Approval and Documentation	Tue 6/10/14	Tue 6/10/14
345				
346				
347		**670 CNS - Evaluate Wind-wave Run-up and Hydrostatic and Hydrodynamic Forces on Safety Related SSCs for PMF Hazard**	**Mon 3/3/14**	**Tue 5/27/14**
348	100%	670.1 Evaluate wind setup and wind-wave run-up for PMF Hazard	Mon 3/3/14	Mon 3/10/14



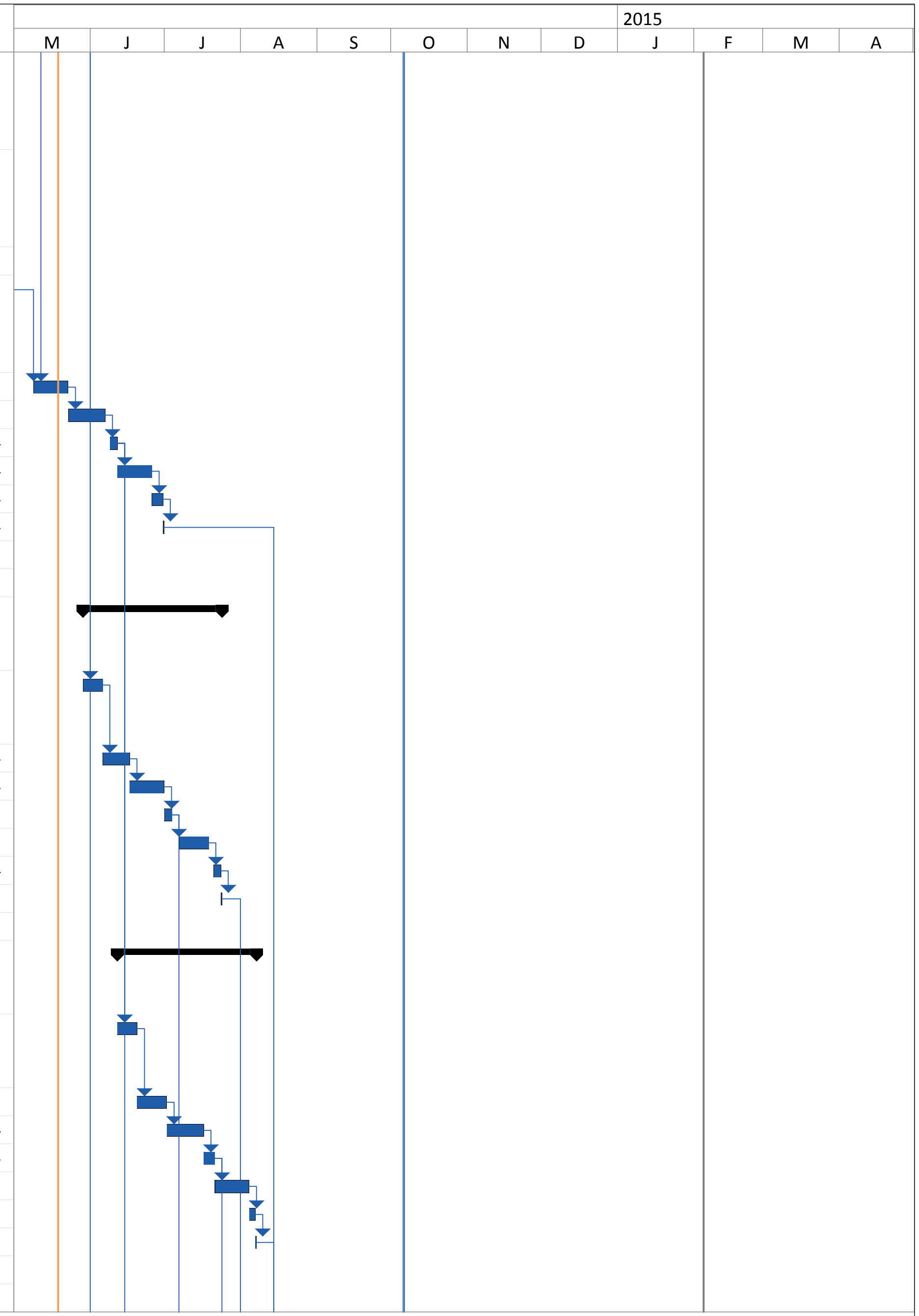
ID	Progress	Task Name	Start	Finish
349	100%	670.2 Evaluate hydrostatic and hydrodynamic forces for the PMF Hazard	Mon 3/10/14	Mon 3/17/14
350	100%	670.3 Report Preparation	Mon 3/17/14	Tue 3/25/14
351	100%	670.4 S&L Review	Wed 3/26/14	Wed 4/9/14
352	100%	670.5 S&L Comment Resolution	Thu 4/10/14	Wed 4/16/14
353	100%	670.6 Client Review	Thu 4/17/14	Mon 4/28/14
354	100%	670.7 Client Comment Resolution	Tue 4/29/14	Fri 5/23/14
355		670.8 Technical Approval and Documentation	Tue 5/27/14	Tue 5/27/14
356				
357		**370 FCS - Evaluate Wind Setup, Wind-wave Runup and Hydrostatic and Hydrodynamic Forces on Safety-Related SSCs for the PMF Hazard**	**Wed 5/21/14**	**Wed 8/6/14**
358	75%	370.1 Evaluate wind setup and wind-wave run-up for PMF	Wed 5/21/14	Thu 5/29/14
359		370.2 Evaluate hydrostatic and hydrodynamic forces for the PMF	Thu 5/29/14	Thu 6/12/14
360		370.3 Report Preparation	Thu 6/12/14	Fri 6/27/14
361		370.4 S&L Review	Mon 6/30/14	Mon 7/14/14
362		370.5 S&L Comment Resolution	Tue 7/15/14	Thu 7/17/14
363		370.6 Client Review	Fri 7/18/14	Thu 7/31/14
364		370.7 Client Comment Resolution	Fri 8/1/14	Tue 8/5/14
365		370.8 Technical Approval and Documentation	Wed 8/6/14	Wed 8/6/14
366				
367				
368		**390 FCS - CALC #1 Overall Report**	**Wed 8/6/14**	**Tue 9/30/14**
369	10%	390.1 Report Preparation	Wed 8/6/14	Fri 8/15/14
370		390.2 S&L Review	Mon 8/18/14	Fri 8/29/14
371		390.3 S&L Comment Resolution	Tue 9/2/14	Mon 9/8/14
372		390.4 Client Review	Tue 9/9/14	Mon 9/22/14
373		390.5 Client Comment Resolution	Tue 9/23/14	Mon 9/29/14
374		390.6 Technical Approval & Documentation	Tue 9/30/14	Tue 9/30/14
375				
376		**690 CNS - CALC #1 OVERALL REPORT**	**Tue 5/27/14**	**Fri 7/25/14**
377		690.1 Report Preparation	Tue 5/27/14	Thu 6/12/14
378		690.2 S&L Review	Thu 6/12/14	Thu 6/26/14
379		690.3 S&L Comment Resolution	Thu 6/26/14	Thu 7/3/14
380		690.4 Client Review	Thu 7/3/14	Fri 7/18/14
381		690.5 Client Comment Resolution	Fri 7/18/14	Fri 7/25/14
382		690.6 Technical Approval & Documentation	Fri 7/25/14	Fri 7/25/14
383				
384				
385		**400/700 FCS-CNS MISSOURI RIVER DAM FAILURE ANALYSIS**	**Mon 7/15/13**	**Wed 10/8/14**
386		**720 CNS - Evaluate Dam Failure Consequences for Non-System Missouri/Platte Rivers Basin Dams**	**Mon 7/15/13**	**Thu 6/12/14**
387	100%	**720.1 Identify Inconsequential/Potentially Critical Dams**	**Mon 7/15/13**	**Fri 1/24/14**
388	100%	720.1.1 Review Existing CNPPID Report	Mon 7/15/13	Wed 7/31/13
389	100%	720.1.2 Identify all dams in the drainage above CNS that do not lie in drainages that enter the System	Tue 10/1/13	Fri 11/29/13



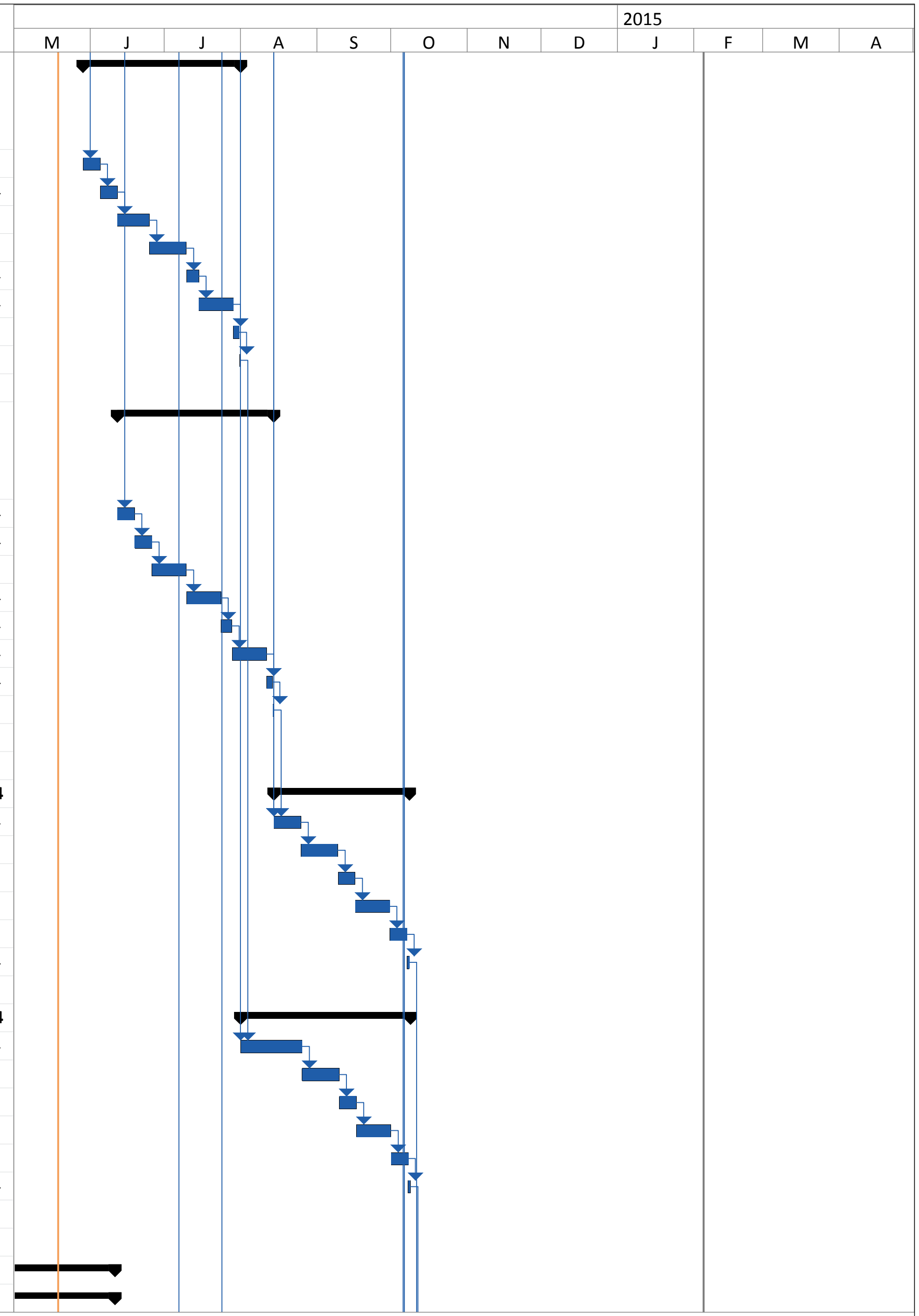
ID	Progress	Task Name	Start	Finish
390	100%	720.1.3 Identify the inconsequential dams subset.	Mon 12/2/13	Tue 12/31/13
391	100%	720.1.4 Identify the potentially critical dams subset.	Mon 1/20/14	Fri 1/24/14
392	**100%**	**720.2 Apply the ISG's Simplified Modeling Approach Method 4 – Hydrologic Model Method**	**Mon 1/27/14**	**Tue 4/15/14**
393	100%	720.2.1 Develop hypothetical dams that represent the total volume of the potentially non-critical dams	Mon 1/27/14	Fri 1/31/14
394	100%	720.2.2 Develop dam failure hydrographs for the potentially non-critical hypothetical dams and route those hydrographs to the mouth of the respective tributaries at the Missouri River using HEC-HMS	Mon 2/3/14	Fri 2/7/14
395	100%	720.2.3 Route the potentially non-critical dam failure hydrographs from the mouth of the tributaries to FCS using existing HEC-RAS Unsteady Model	Mon 2/10/14	Fri 2/14/14
396	100%	720.2.4 Confirm that the water surface elevation for the potentially non-critical dam failures is below the flood protection design elevation at CNS (905.0 NGVD)	Mon 2/17/14	Tue 2/18/14
397	100%	Aquire USACE System Dam Failure Hydrographs	Fri 4/4/14	Fri 4/4/14
398	100%	720.4.5 Route the USACE dam failure hydrograph and the non-critical dam failure hydrographs using HDR HEC-RAS Unsteady Model	Fri 4/4/14	Tue 4/15/14
399	100%	720.3 Report Preparation	Wed 4/16/14	Thu 5/8/14
400	100%	720.4 S&L Review	Fri 5/9/14	Thu 5/22/14
401		720.5 S&L Comment Resolution	Fri 5/23/14	Wed 5/28/14
402		720.6 Client Review	Fri 5/23/14	Fri 6/6/14
403		720.7 Client Comment Resolution	Mon 6/9/14	Wed 6/11/14
404		720.8 Technical Approval and Documentation	Thu 6/12/14	Thu 6/12/14
405				
406	**100%**	**420 FCS - Evaluate Dam Failure Consequences for Non-System Missouri River Basin Dams**	**Tue 10/1/13**	**Mon 6/30/14**
407	**100%**	**420.1 Identify Inconsequential/Potentially Critical Dams**	**Tue 10/1/13**	**Fri 1/24/14**
408	100%	420.1 Identify all dams in the drainage above FCS that do not lie in drainages that enter the System.	Tue 10/1/13	Fri 11/29/13
409	100%	420.2 Identify the inconsequential dams subset.	Mon 12/2/13	Tue 12/31/13
410	100%	420.3 Identify the potentially critical dams subset.	Mon 1/20/14	Fri 1/24/14
411	**100%**	**420.2 Apply the ISG's Simplified Modeling Approach Method 4 – Hydrologic Model Method:**	**Wed 2/19/14**	**Tue 4/15/14**
412	100%	420.2.1 Develop hypothetical dams that represent the total volume of the potentially non-critical dams	Wed 2/19/14	Tue 2/25/14
413	100%	420.2.2 Develop dam failure hydrographs for the potentially non-critical hypothetical dams and route those hydrographs to the mouth of the respective tributaries at the Missouri River using HEC-HMS	Wed 2/26/14	Tue 3/4/14



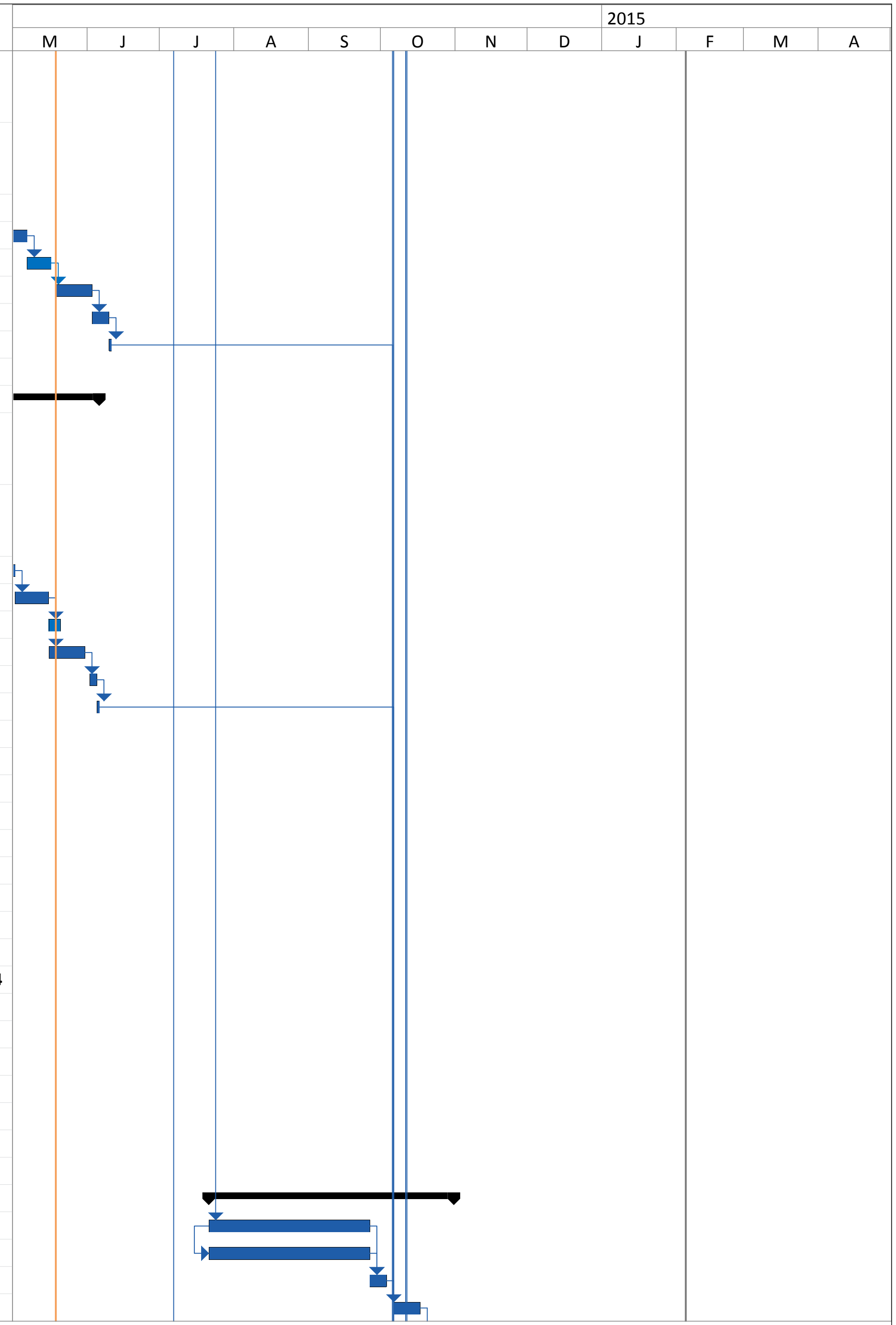
ID	Progress	Task Name	Start	Finish
414	100%	420.2.3 Route the potentially non-critical dam failure hydrographs from the mouth of the tributaries to FCS using existing HEC-RAS Unsteady Model	Wed 3/5/14	Tue 3/11/14
415	100%	420.2.4 Confirm that the water surface elevation for the potentially non-critical dam failures is below the flood protection design elevation at FCS (1014.0 NGVD)	Wed 3/12/14	Thu 3/13/14
416	100%	Receive USACE System Dam Failure Hydrographs	Fri 4/4/14	Fri 4/4/14
417	100%	420.2.5 Route the USACE dam failure hydrograph and the non-critical dam failure hydrographs using HDR HEC-RAS Unsteady Model	Fri 4/4/14	Tue 4/15/14
418	100%	420.3 Report Preparation	Fri 5/9/14	Thu 5/22/14
419		420.4 S&L Review	Fri 5/23/14	Fri 6/6/14
420		420.5 S&L Comment Resolution	Mon 6/9/14	Wed 6/11/14
421		420.6 Client Review	Thu 6/12/14	Wed 6/25/14
422		420.7 Client Comment Resolution	Thu 6/26/14	Mon 6/30/14
423		420.8 Technical Approval and Documentation	Mon 6/30/14	Mon 6/30/14
424				
425				
426		**760 CNS - Evaluate Site Specific Erosion-Sedimentation-Debris Effects for the Dam Failure Flood Hazard**	**Thu 5/29/14**	**Thu 7/24/14**
427		760.1 - Determine Site Specific erosion/sedimentation/debris impacts for dam failure using 1 D Unsteady HEC-RAS results	Thu 5/29/14	Thu 6/5/14
428		760.2 Report Preparation	Fri 6/6/14	Mon 6/16/14
429		760.3 S&L Review	Tue 6/17/14	Mon 6/30/14
430		760.4 S&L Comment Resolution	Tue 7/1/14	Thu 7/3/14
431		760.5 Client Review	Mon 7/7/14	Fri 7/18/14
432		760.6 Client Comment Resolution	Mon 7/21/14	Wed 7/23/14
433		760.7 Technical Approval and Documentation	Thu 7/24/14	Thu 7/24/14
434				
435		**460 FCS - Evaluate Site Specific Erosion-Sedimentation-Debris Effects for the Dam Failure Flood Hazard**	**Thu 6/12/14**	**Thu 8/7/14**
436		460.1 - Determine Site Specific erosion/sedimentation/debris impacts for dam failure using 1 D Unsteady HEC-RAS results	Thu 6/12/14	Thu 6/19/14
437		460.2 Report Preparation	Fri 6/20/14	Tue 7/1/14
438		460.3 S&L Review	Wed 7/2/14	Wed 7/16/14
439		460.4 S&L Comment Resolution	Thu 7/17/14	Mon 7/21/14
440		460.5 Client Review	Mon 7/21/14	Mon 8/4/14
441		460.6 Client Comment Resolution	Mon 8/4/14	Wed 8/6/14
442		460.7 Technical Approval and Documentation	Thu 8/7/14	Thu 8/7/14
443				
444				



ID	Progress	Task Name	Start	Finish
445		**770 CNS - Evaluate Wind-wave Run-up and Hydrostatic and Hydrodynamic Forces on Safety Related SSCs for Dam Failure Flood Hazard**	**Thu 5/29/14**	**Thu 7/31/14**
446		770.1 Evaluate wind setup and wind-wave run-up for dam failure	Thu 5/29/14	Wed 6/4/14
447		770.2 Evaluate hydrostatic and hydrodynamic forces for dam failure	Thu 6/5/14	Wed 6/11/14
448		770.3 Report Preparation	Thu 6/12/14	Tue 6/24/14
449		770.4 S&L Review	Wed 6/25/14	Wed 7/9/14
450		770.5 S&L Comment Resolution	Thu 7/10/14	Mon 7/14/14
451		770.6 Client Review	Tue 7/15/14	Mon 7/28/14
452		770.7 Client Comment Resolution	Tue 7/29/14	Thu 7/31/14
453		770.8 Technical Approval and Documentation	Thu 7/31/14	Thu 7/31/14
454				
455		**470 FCS - Evaluate Wind Setup, Wind-wave Runup and Hydrostatic and Hydrodynamic Forces on Safety-Related SSCs for Dam Failure Flood Hazard**	**Thu 6/12/14**	**Thu 8/14/14**
456		470.1 Evaluate wind setup and wind-wave run-up for dam failure	Thu 6/12/14	Wed 6/18/14
457		470.2 Evaluate hydrostatic and hydrodynamic forces for dam failure	Thu 6/19/14	Wed 6/25/14
458		470.3 Report Preparation	Thu 6/26/14	Wed 7/9/14
459		470.4 S&L Review	Thu 7/10/14	Wed 7/23/14
460		470.5 S&L Comment Resolution	Thu 7/24/14	Mon 7/28/14
461		470.6 Client Review	Mon 7/28/14	Mon 8/11/14
462		470.7 Client Comment Resolution	Mon 8/11/14	Wed 8/13/14
463		470.8 Technical Approval and Documentation	Thu 8/14/14	Thu 8/14/14
464				
465				
466		**490 FCS - CALC #2 Overall Report**	**Thu 8/14/14**	**Wed 10/8/14**
467		490.1 Report Preparation	Thu 8/14/14	Mon 8/25/14
468		490.2 S&L Review	Mon 8/25/14	Tue 9/9/14
469		490.3 S&L Comment Resolution	Tue 9/9/14	Tue 9/16/14
470		490.4 Client Review	Tue 9/16/14	Tue 9/30/14
471		490.5 Client Comment Resolution	Tue 9/30/14	Tue 10/7/14
472		490.6 Technical Approval & Documentation	Tue 10/7/14	Wed 10/8/14
473				
474		**790 CNS - CALC #2 Overall Report**	**Fri 8/1/14**	**Wed 10/8/14**
475		790.1 Report Preparation	Fri 8/1/14	Mon 8/25/14
476		790.2 S&L Review	Tue 8/26/14	Tue 9/9/14
477		790.3 S&L Comment Resolution	Wed 9/10/14	Tue 9/16/14
478		790.4 Client Review	Wed 9/17/14	Tue 9/30/14
479		790.5 Client Comment Resolution	Wed 10/1/14	Tue 10/7/14
480		790.6 Technical Approval & Documentation	Wed 10/8/14	Wed 10/8/14
481				
482				
483		**500/800 FCS-CNS MISSOURI RIVER CHANNEL GEOMORPHIC ASSESSMENT**	**Mon 2/17/14**	**Tue 6/10/14**
484		**510 FCS - Missouri River Channel Geomorphic Assessment**	**Mon 2/17/14**	**Tue 6/10/14**



ID	Progress	Task Name	Start	Finish
485	100%	510.1 Determine potential geomorphic changes to FCS site under dominate flood hazard conditions	Mon 2/17/14	Wed 3/5/14
486	100%	510.2 Determine potential geomorphic changes impacts to FCS safety-related SSCs	Wed 3/5/14	Wed 4/2/14
487	100%	510.3 Report Preparation	Thu 4/3/14	Tue 4/22/14
488	100%	510.4 S&L Review	Wed 4/23/14	Tue 5/6/14
489	100%	510.5 S&L Comment Resolution	Wed 5/7/14	Fri 5/16/14
490		510.6 Client Review	Mon 5/19/14	Mon 6/2/14
491		510.7 Client Comment Resolution	Tue 6/3/14	Mon 6/9/14
492		510.8 Technical Approval and Documentation	Tue 6/10/14	Tue 6/10/14
493				
494		**810 CNS - Missouri River Channel Geomorphic Assessment**	**Fri 2/28/14**	**Thu 6/5/14**
495	100%	810.1 Determine potential geomorphic changes to FCS site under dominate flood hazard conditions	Fri 2/28/14	Tue 3/18/14
496	100%	810.2 Determine potential geomorphic changes impacts to FCS safety-related SSCs	Wed 3/19/14	Tue 4/15/14
497	100%	810.3 Report Preparation	Wed 4/16/14	Thu 5/1/14
498	100%	810.4 S&L Review	Fri 5/2/14	Thu 5/15/14
499	100%	810.5 S&L Comment Resolution	Fri 5/16/14	Tue 5/20/14
500		810.6 Client Review	Fri 5/16/14	Fri 5/30/14
501		810.7 Client Comment Resolution	Mon 6/2/14	Wed 6/4/14
502		810.8 Technical Approval & Documentation	Thu 6/5/14	Thu 6/5/14
503				
504				
505		**FCS Local Intense Precipitation (LIP) Analysis**	**Tue 7/17/12**	**Fri 6/14/13**
506		FCS LIP Technical Analysis	Tue 7/17/12	Tue 9/11/12
507		Report Preparation	Wed 9/12/12	Tue 1/22/13
508		Client Review	Wed 1/23/13	Mon 4/1/13
509		Client Comment Resolution	Tue 4/2/13	Wed 6/12/13
510		Issue Final Approved Local PMP Calc to Client	Thu 6/13/13	Fri 6/14/13
511				
512		**CNS Local Intense Precipitation (LIP) Analysis**	**Tue 7/17/12**	**Mon 3/17/14**
513		CNS LIP Technical Analysis	Tue 7/17/12	Wed 2/27/13
514		Report Preparation	Thu 2/28/13	Wed 5/15/13
515		Client Review	Thu 5/16/13	Tue 6/25/13
516		Client Comment Resolution	Wed 6/26/13	Tue 1/28/14
517		Issue Final Approved Local PMP Calc to Client	Mon 3/17/14	Mon 3/17/14
518				
519				
520		**FCS - ICE AND DEBRIS EFFECTS ANALYSIS**	**Mon 7/21/14**	**Fri 10/31/14**
521		Determine effects of debris impact on Safety-related SSCs	Mon 7/21/14	Fri 9/26/14
522		Determine effects of ice on Safety-related SSCs	Mon 7/21/14	Fri 9/26/14
523		QA Review & Comment Resolution	Fri 9/26/14	Fri 10/3/14
524		Client Review & Comment Resolution	Mon 10/6/14	Fri 10/17/14



ID	Progress	Task Name	Start	Finish
525		Transmittal to Client	Fri 10/17/14	Fri 10/31/14
526				
527		**CNS - ICE AND DEBRIS EFFECTS ANALYSIS**	**Mon 7/7/14**	**Fri 10/31/14**
528		Determine effects of debris impact on Safety-related SSCs	Mon 7/7/14	Fri 9/26/14
529		Determine effects of ice on Safety-related SSCs	Mon 7/7/14	Fri 9/26/14
530		QA Review & Comment Resolution	Mon 9/29/14	Fri 10/3/14
531		Client Review & Comment Resolution	Tue 10/7/14	Fri 10/17/14
532		Transmittal to Client	Mon 10/20/14	Fri 10/31/14
533				
534				
535		**OPPD FHRR**	**Thu 5/1/14**	**Wed 2/4/15**
536		**Preparation of FHRR**	**Thu 5/1/14**	**Fri 12/19/14**
537		HDR FCS Calculations Complete	Wed 10/8/14	Wed 10/8/14
538	5%	Report Preparation / Technical Review	Thu 5/1/14	Wed 11/26/14
539		OPPD Technical Review	Mon 12/1/14	Fri 12/12/14
540		S&L Comment Resolution	Mon 12/15/14	Fri 12/19/14
541		Transmittal to OPPD	Fri 12/19/14	Fri 12/19/14
542		**OPPD Submittal of FHRR**	**Mon 12/22/14**	**Tue 1/27/15**
543		Submittal Verification and Validation	Mon 12/22/14	Tue 1/6/15
544		Management Review	Wed 1/7/15	Tue 1/13/15
545		Resolution of Management Comments	Wed 1/14/15	Tue 1/20/15
546		Signature	Wed 1/21/15	Tue 1/27/15
547		NRC Submittal	Wed 2/4/15	Wed 2/4/15
548		**NPPD FHRR**	**Thu 5/1/14**	**Wed 2/4/15**
549		**Preparation of FHRR**	**Thu 5/1/14**	**Fri 12/19/14**
550		HDR CNS Calculations Complete	Wed 10/8/14	Wed 10/8/14
551		Report Preparation / Technical Review	Thu 5/1/14	Wed 11/26/14
552		NPPD Technical Review	Mon 12/1/14	Fri 12/12/14
553		S&L Comment Resolution	Mon 12/15/14	Fri 12/19/14
554		Transmittal to OPPD	Fri 12/19/14	Fri 12/19/14
555		**NPPD Submittal of FHRR**	**Mon 12/22/14**	**Tue 1/27/15**
556		Submittal Verification and Validation	Mon 12/22/14	Tue 1/6/15
557		Management Review	Wed 1/7/15	Tue 1/13/15
558		Resolution of Management Comments	Wed 1/14/15	Tue 1/20/15
559		Signature	Wed 1/21/15	Tue 1/27/15
560		NRC Submittal	Wed 2/4/15	Wed 2/4/15