



DAVIS-BESSE PROJECT REVIEW GROUP
MEETING MINUTES
SEPTEMBER 1, 1998

U.S. NRC
In re DAVID GEISEN Staff Exhibit # 72
Docket # 1A-05-052
Date Marked for ID: 12/8, 2008 (Tr. p. 825)
Date Offered in Ev: 12/8, 2008 (Tr. p. 826)
Through Witness/Panel: N/A
Action: ADMITTED REJECTED WITHDRAWN
Date: 12/8, 2008 (Tr. p. 826)

Attendees: S. A. Coakley, S. R. Fox, J. L. Freels, R. Gonzales, P. K. Goyal, D. E. Haley, D. F. I. J. L. Michaelis, W. J. Molpus, C. A. Price, J. W. Rogers, F. L. Swanger, S. E. Wise (

I. GENERAL TOPICS

A. 1998 Capital Budget Status

S. R. Fox gave a brief overview of the 1998 Capital Budget Status. The available capital as of August 20, 1998, was \$252K. The reclassification to O&M for Turbine Rotor Enclose presents the only increase to available funds for this reporting period. Decreases for the period of \$97K are for the schedule change of the Stator Leak Monitoring System Installation mod, the approval of the Sewage Treatment Plant Building #1 Building Replacement, and implementation of XF5 Transformer replacement. The available capital as of September 1, 1998, is \$230K.

S. R. Fox informed the DBPRG that the 1998 Tools & Work Equipment budget forecast is planned for discussion at the September 10, 1998, joint meeting. J. H. Lash had questioned the feasibility of expending the current forecast of \$706K in comparison to the reported \$155K year-to-date actuals and the requested increase funding for 1999. Also to be discussed at the September 10th meeting are Business Computer Equipment and FE ARMS Equipment budget forecasts.

B. Issues List

S. R. Fox presented the Issues List. He noted that submittals for the Reactor Coolant Pump Motor Long Range Plan and Total Facility Improvement Initiatives projects are to be presented at the September 10, 1998, joint meeting. The committee reviewed the list and offered two new issues to be incorporated on the list. The added issues are Resolution of DFS Project Abandonment estimated at \$500K and Mod 97-0074, Post LOCA Boron Precipitation Control. F. L. Swanger is the responsible individual for both issues and will pursue a Project Submittal or Summary Level Planning Worksheet as appropriate, for project inclusion in the Long Range Plan.

TEMPLATE - SEC 1 028

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Attendees: S. A. Coakley, S. R. Fox, J. L. Freels, R. Gonzales, P. K. Goyal, D. E. Haley, D. F. Isherwood, G. R. McIntyre, J. L. Michaelis, W. J. Molpus, C. A. Price, J. W. Rogers, F. L. Swanger, S. E. Wise (For D. L. Eshelman)

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I. GENERAL TOPICS- (Continued)

C. Mod Matrix

a) Long Range Plan Submittals Identifying Modifications to be Processed for Approval

S. R. Fox stated that during the 1999 update process of the Long Range Plan (LRP, twelve project submittals had identified the need for a plant modification to be initiated. These projects were approved for inclusion into the Long Range Plan and are forecasted for Cycle 12/12R. S. R. Fox presented the list of these projects. He explained that to maintain committee's visibility of these pending modifications yet to be processed for approval, the list would be incorporated as part of the Mod Matrix. These modifications are in different stages of initiation. S. R. Fox urged the attendees to get these mods written and processed for approval. S. R. Fox reviewed the Mod Matrix emphasizing that there are currently forty-five modifications for Cycle 12 and eighteen for 12R. There are fifty-two modifications in initiation or in system team approval steps that have potential to introduce additional scope to Cycle 12/12R. The DBPRG agreed to communicate to their Home Centers the need for expeditious processing of the twelve mods.

b) Cycle 88/88R Modifications (NG-EN-00301, O&M <\$50K, Capital <\$25K)

S. R. Fox presented a listing of twenty-seven modifications for Cycle 88/88R currently open in DBATS. The list identified the mod's current step and POD or NRC commitment association. The list is provided in support of DBWSC request at the August 13, 1998, meeting that the DBPRG re-evaluate modification scheduling and prioritization issues. Specifically the inconsistency in reporting in the POD. C. A. Price noted that an effort is in progress with Operations Work Control Management to address recent issues of reporting inconsistency of modifications in the POD. S. R. Fox explained that Cycle 12 mods have improved with respect to reporting consistency now that the dates are published in the Monday POD. Non-cycle coded mods (88s) have not improved because dates are not advertised. S. R. Fox offered solutions, to cycle code the mods so dates are advertised, to increase the priority of mods that satisfy POD or NRC commitments, or to simply schedule these mods and inform interested parties of the dates.



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I. GENERAL TOPICS- (Continued)

D. Mod Matrix - Continued

c) Cycle 88/88R Modifications (NG-EN-00301, O&M <\$50K, Capital <\$25K) - Continued

F. L. Swanger noted that the list did not identify a priority for the mods. F. L. Swanger articulated the need to cycle code these modifications. Without a cycle code and priority, scheduling is left to the decision of Design Basis Engineering, which may or may not reflect a site wide agreement. The committee discussed the system team process as possibly providing the schedule for these mods. S. R. Fox directed the committee's attention to the Mod Matrix. No Cycle 13 or Cycle 14 modifications are scheduled based on the decision of committee to implement modifications traditionally in the next cycle. The system teams will likely take a similar approach. S. R. Fox informed the committee of the Mod Process Improvement Team recommendations that will provide a future solution to processing of plant modifications. The committee assessed their responsibilities under procedures NG-EN-00301, Plant Modification, and NG-NS-00217 Resource and Commitment Management Program. To address the immediate need, the DBPRG agreed that a sub-committee, including the managers of Operations, Design Basis Engineering, Plant Engineering, and Maintenance, will meet outside of DBPRG to cycle code Cycle 88/88R modifications. Business Services agreed to distribute the list with copies of the modifications to the participating managers in order to support the review.

d) POD Reporting -- Cycle 12 Modifications

Reference the Cycle 88/88R Modifications discussion above.



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I. GENERAL TOPICS- (Continued)

E. Cycle 12 Planning Milestones (J. H. Lash request for review)

S. R. Fox presented the current modification planning target schedule date logic. He explained that there is no hard scope freeze date for the Operating cycle modifications. The observations of the last two operating cycles have shown significant schedule and resource impact to both engineering and maintenance in using this methodology. His suggestion was to establish a planning milestone, rather than a freeze date, eight months in advance of the refueling outage. S. R. Fox provided supporting logic for the eight month window, citing the required timeframe for engineering, design package development, and the twelve week planning cycle as specified by the Work Process Guidelines. After the milestone date the committee would manage added work, accordingly. History has shown that site awareness of a milestone date does drive earlier identification of modification scope. The committee evaluated a timeline of the proposed planning logic, recognizing the correlation to Outage Management's Schedule of Schedule target dates. The committee agreed to this approach, however, they felt ten months in advance of the refueling outage or a June 1, 1999, Cycle 12, milestone date, would be more suitable. They agreed to forward their recommendation for the establishment of an identification milestone date to the next DBWSC meeting.



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II. NEW BUSINESS

SUBJECT: CHANGE TO QUALITY SERVICE 1998 CAPITAL BUSINESS COMPUTER & OFFICE EQUIPMENT BUDGET			
REQUEST	CURRENT BUDGET	PROPOSED BUDGET	COMMENTS
<p>Revised Budget Approval for:</p> <ul style="list-style-type: none"> • Eliminate Capital Business Computer Budget for purchase of two scanners • Increase Quality Services' Capital Office Equipment Budget for purchase of Aperture Card Reader/Printer <p>DBPRG Sponsor: W. J. Molpus</p>	<p>25,066</p> <hr style="width: 50%; margin: 0 auto;"/> <p>25,000</p> <p>550,066</p>	<p>0</p> <hr style="width: 50%; margin: 0 auto;"/> <p>50,000</p> <p>550,000</p>	<p>Quality Services requests approval to purchase an aperture card reader/printer (Capital Office Equipment) to replace a 12-14 year old model. This purchase quoted at \$30,000 was not originally considered as part of the 1998 Capital Office Equipment budget. Currently a \$5000 underrun is forecasted. Funds are available in the Quality Services Capital Business Computer Budget because alternatives (i.e., leasing) for the purchase of scanners are being sought. Also, the aperture card reader/printer is a more immediate need at this time. Therefore the Quality Services Capital Computer Budget is being requested for a reduction of \$25,066 to offset this Capital purchase.</p>

RESULTS: Approved \$25,066 Transfer from Quality Services' Capital Business Computer Budget to Capital Office Equipment Budget. Presented by D. F. Isherwood, Quality Services, who explained the need to procure an aperture card reader/printer, estimated at \$30,000. The current model has reached its end of life and the level of service has diminished. Leasing the equipment was investigated and proved not to be economical. He proposed to fund this purchase from a forecasted underrun in the department Capital Office Equipment Budget and a transfer of funds from their Capital Computer Budget. Quality Services' Capital Computer Budget can afford a reduction of \$25,066 based on leasing versus purchasing of scanners. The committee concurred with the transfer of funds and approved the purchase of the aperture card reader in 1998 as requested.



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II. NEW BUSINESS – (Continued)

SUBJECT: MOD 94-0025 (L), INSTALL SERVICE STRUCTURE INSPECTION OPENINGS			
REQUEST	PERTINENT INFORMATION/COMMENTS	PENDING ITEMS	BUDGET & SCHEDULE STATUS/IMPACT
<p>Budget Approval for 12RFO</p> <p>DBPRG</p> <p>Sponsor: J. W. Rogers</p>	<p>Budget Type: O&M</p> <p>Project Manager: Unassigned</p> <p>Priority/Commitments: 15.50</p> <p>Critical Success Area: Reliable Production</p> <p>Forecasted in the Long Range Plan with an Order Of Magnitude Estimate of \$247K. Mod resolves PCAQR 96-0551.</p>	<p>Need:</p> <ul style="list-style-type: none"> • Determination of Key Outage Project • Post Conceptual Estimate (To be walked into meeting) 	<p>Proposed Budget: TBD</p> <p>Expenditures To date: \$0</p> <p>Estimated Person-REM: 4.5 REM</p> <p>Status: Engineering Not Started/ Implementation Not Started</p>

RESULTS: Recommend Approval for 13R. G. R. McIntyre, Plant Engineering, and P. K. Goyal, Mechanical/Structural, were present for the discussion. G. R. McIntyre explained that the mod resolves several issues. There is less than 50% accessibility to the reactor vessel head, which does not allow for complete inspection or cleaning of potential boric acid deposits. The mod resolves PCAQ 96-0551, one of ten oldest open PCAQs. The mod also addresses plant life extension issues. It is desired to implement the mod in 12RFO to establish a baseline of potential past boric acid corrosion on the reactor head. On-going industry concern of acid leakage from CRDM reactor vessel head nozzles could be better assessed. The committee concurred that the mod should be approved but discussed various issues related to scheduling the modification in 12RFO. They recognized that the mod implementation is a ten-day duration and could be done any outage. The DBPRG concluded that the mod be forwarded to the DBWSC with their recommendation for approval for 13RFO. G. R. McIntyre is to reevaluate the schedule prior to the DBWSC meeting. A Project Manager assignment was determined not to be required at this time.



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III. OLD BUSINESS

Scope Change

SUBJECT: MOD (N) 85-0088 Supplement 7, MODIFY C&HP RACA LOCKER ROOM			
REQUEST	PERTINENT INFORMATION/COMMENTS	PENDING ITEMS	BUDGET & SCHEDULE STATUS/IMPACT
<ul style="list-style-type: none"> Project Manager Reassignment <p>DBPRG Sponsor: J. L. Michaelis</p>	<p>Budget Type: O&M Project Manager: J. Hirsch Priority/Commitments: 8.00</p> <p>Critical Success Area: Safety</p> <p>Tabled at the November 4, 1997, DBPRG. DB Maintenance & Design Basis Engineering to resolve closeout requirements. Meeting week of 8/24/98. Mod was targeted to return to the March 1998 DBPRG meeting.</p>	<p>Need:</p> <ul style="list-style-type: none"> Revised scope to finish project Revised SLPW for supplement 7. Assignment of new Project Manager 	<p>Current Budget: \$81,834 Expenditures To date: \$0</p> <p>Estimated Person-REM: 0 REM</p> <p>Status: Engineering Not Started/ Implementation Not Started</p> <p>Committee decision history is provided in attachment section of agenda.</p>

RESULTS: J. H. Brunkhorst Assigned Project Manager. S. R. Fox requested a change to the Project Manager assignment based on J. Hirsch's dedication to the Security Data Management System project. The DBPRG concurred with the request.



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III. OLD BUSINESS – (Continued)

SUBJECT: MOD (L) 92-0060, BATTERY ROOM PLATFORM			
REQUEST	PERTINANT INFORMATION/COMMENTS	PENDING ITEMS	BUDGET & SCHEDULE STATUS/IMPACT
<p>NOT PLANNED FOR DISCUSSION</p> <p>Budget Approval for Cycle 12</p> <p>DBPRG Sponsor: J. L. Michaelis</p>	<p>Budget Type: Capital Project Manager: Unassigned Priority/Commitments: 8.25</p> <p>Critical Success Area: Safety</p> <p>Rescheduled from Cycle 11 to Cycle 12 at the September 9, 1996, DBPRG meeting. A Probabilistic Risk Assessment for plant equipment risk for continued use of temporary wood scaffolding as an alternative to installing permanent steel work platforms.</p>	<p>Need:</p> <ul style="list-style-type: none"> • F. L. Swanger to pursue Probabilistic Risk Assessment. • Revised SLPW for escalation 	<p>Proposed Budget: \$62,201 Expenditures To date: \$0</p> <p>Estimated Person-REM: 0 REM</p> <p>Status: Engineering Not Started/ Implementation Not Started</p>

COMMENTS: F. L. Swanger to address PRA results at the October DBPRG Meeting. F. L. Swanger informed the committee that he would address PRA results and recommendation at the next meeting.



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III. OLD BUSINESS – (Continued)

SUBJECT: MOD (N) 95-0052 CONNECT TO CARROLL TOWNSHIP WATER SYSTEM			
REQUEST	PERTINANT INFORMATION/COMMENTS	PENDING ITEMS	BUDGET & SCHEDULE STATUS/IMPACT
Project Manager Reassignment DBPRG Sponsor: J. L. Michaelis	Budget Type: Capital Project Manager: J. Hirsch Priority/Commitments: 27.75 Critical Success Area: Safety	Need: <ul style="list-style-type: none"> • New Project Manager assignment 	Current Budget: \$217,448 Contingency: \$15,000 Expenditures To date: \$138,846 Estimated Person-REM: 0 REM Status: Engineering Complete/ Implementation Started

RESULTS: P. N. Carr Assigned Project Manager. S. R. Fox requested a change to the Project Manager assignment based on J. Hirsch's dedication to the Security Data Management System project. The DBPRG concurred with the request.



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III. OLD BUSINESS – (Continued)

SUBJECT: MOD (L) 96-0016, BREAKER FOR VALVE HP31			
REQUEST	PERTINANT INFORMATION/COMMENTS	PENDING ITEMS	BUDGET & SCHEDULE STATUS/IMPACT
<p>NOT PLANNED FOR DISCUSSION</p> <p>Budget Approval for 12RFO</p> <p>DBPRG</p> <p>Sponsor: F. L. Swanger</p>	<p>Budget Type: O&M</p> <p>Project Manager: Unassigned</p> <p>Priority/Commitments: 25.87</p> <p>Critical Success Area: Safety</p> <p>Tabled at the June 3, 1997, DBPRG. To return with more complete System Team Evaluation. Currently scheduled for Cycle 12R. Approval for 12R required. System Team Evaluation estimates >\$100K.</p>	<p>Need:</p> <ul style="list-style-type: none"> Revised System Team Evaluation Post Conceptual SLPW 	<p>Current Budget: \$0</p> <p>Expenditures To date: \$0</p> <p>Estimated Person-REM: TBD</p> <p>Status: Engineering Not Started/ Implementation Not Started</p>

COMMENTS: Not Discussed.



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IV. INFORMATION ONLY

Approved Modifications <\$50K O&M Level-of-Effort

ACTIVITY	DESCRIPTION	BUDGET TYPE	CYCLE	POD USE/COMMIT	SYSTEM TEAM ESTIMATE	COMMENTS
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MOD(L) 96-0004	ELIMINATE MS LINE ROOM FIRE DETECTORS	O&M	88	TM	<\$25,000	Approved 8/4/98 by Manager --Design Basis and Manager - Maintenance. Mod will make permanent TM 96-0010 that disconnected FDZ 601E, 601W, 602 in Main Steam Line Rooms due to excessive grounding problems from steam.
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COMMENTS: Not Discussed.

MOD(L) 97-0075	HEAT TRACE ALARM CIRCUITRY	O&M	88	N/A	\$19,143	Approved 7/21/98 by Manager - Design Basis and Manager - Maintenance. Mod initiated by PCAQR 98-0026, Failure of TS Heat Trace Circuits.
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COMMENTS: Not Discussed.



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IV. INFORMATION ONLY – (Continued)

Approved Modifications <\$50K O&M Level-of-Effort – (Continued)

ACTIVITY	DESCRIPTION	BUDGET TYPE	CYCLE	POB/ISS/COMMIT	SYSTEM TEAM ESTIMATE	COMMENTS
MOD(L) 98-0015	ELECTRIC ISOLATION OF FREEZE PROTECTION PANALS CFPP17Q & CFPP18Q	O&M	88	N/A	\$5,432	Approved 7/6/98 by Manager -- Design Basis and Manager -- Maintenance. Mod initiated by PCAQR 98-0929 that documents a deficiency in the separation of two Class 1E circuits from Non-Class 1E circuits.
COMMENTS: Not Discussed.						
MOD(L) 98-0019	INSTALL ANTI-ROTATION PINS RH26 & 27	O&M	88R	N/A	\$5,392	Approved 7/7/98 by Manager -- Design Basis and Manager -- Maintenance. Mod initiated by PCAQR 97-0780 that documents RH 27, Reheat Steam Supply to Main Feed Pump Turbine 2 Check Valve, failed during Cycle 11.
COMMENTS: Not Discussed.						



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IV. INFORMATION ONLY - (Continued)

Approved Modifications <\$50K O&M Level-of-Effort - (Continued)

ACTIVITY	DESCRIPTION	BUDGET TYPE	CYCLE	ROD LIST/ COMMENT	SYSTEM TEAM ESTIMATE	COMMENTS
MOD(L) 98-0031	MODIFY CONDUCTOR FOR ROD 4-6 POSITION INDICATION	O&M	88	N/A	\$3,632	Approved 7/24/98 by Manager - Design Basis and Manager - Maintenance. Mod initiated by PCAQR 98-1375 that addresses the position indication for Rod 4-6 is erratic. This mod was implemented during the July Mini Outage.

COMMENTS: Not Discussed.

Approved By:

D. I. Eshelman, Chairman -- DBPRG