

Sample Station Meeting Notes 3/24/05

Subject: Status

Date: 3/24/05

Attendees: SUSHIL VISHY BRIAN

Action Items:

- FATIGUE LIFE PREDICTION REPORT IS READY
- EFFECT OF COLD WORKING ON MATERIAL STILL TO BE CONSIDERED
- STRAIN FROM THE MAXIMUM AREA HAS TO BE CONSIDERED
 - NOT FROM THE CENTER POINT IF LESS THAN 10% DIFFERENT
- FATIGUE COMMITTEE MEETING ON APRIL 20TH
 - PRESENT THIS MATERIAL AT THAT TIME
- FRONT END COMPONENT ANALYSIS CONTINUES
- LIST OF ITEMS TO TRACK ~ ROUGH ITEMS
 - ADD SCHEDULE TO PROJECT
- ADD REPORT TO WEB
- BEAM DUMP P.O. HAS BEEN SIGNED OFF
- PARKER REPS WERE IN TO TRY AND GET THE PARKER SERVO WORKING WITH NO RESULTS
 - ASSUME THE PARKER CONTROLLER WILL NOT WORK WITH THE VOICE COIL PLAN ON USING ELMO
- BOUNDARY CONDITIONS FOR THE UNDULATOR GAP NEEDS TO BE GIVEN TO VISHY
 - SUSHIL TO TALK TO ROGER ABOUT THIS
 - UNDULATOR "A" TYPE IS IN THE LINE CURRENTLY
- SQUARE APERTURE USED GIVES A MUCH MORE UNIFORM HEAT LOAD
- PLAN ON ~30% LOSS FROM SCATTERING AND REFLECTION OF BEAM POWER

- WORK HARDENING ANALYSIS
 - FATIGUE LIFE ANALYSIS FOR THIS IS ON GOING
 - DO NOT ASSUME VALUES FOR ALL CASES
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- BRUSH WELLMAN FOR BERILLIUM WINDOW
- USE GATE VALVES

- HAVE SPARE PARTS READY
- MAGNIFIED PICTURES OF SPECIMEN TO INSPECT FOR CRACKES
 - LIGHT?
 - LYN HAS OPTICAL CAMERA WEB SITE
 - CCD CAMERA USED BY BINXING
 - KNOW WHEN SURFACE CRACKES BEGIN AND WHEN PROPAGATES
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