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BROWN AND WILLIAMSON TOBACCO CORPORATION
MATERIALS QUALITY GROUP
MATERIAL TEST COMMITTEE MEETING REPORT

SUBJECT: MATERIAL TEST STATUS

REPORT DATE: 12/07/95

ATTENDEES:

K.A. Flaherty	C.P. Radley	C. Demarest	T. Dunn
T. Hinzman	C.D. Lester	C.C. Philipp	R.B. King
T. Neiheisel	K.D. Ruberti	D. Gentile	D. Freshour

TO: (with detailed test status report)

Attendees	R.A. Gonterman	D.V. Cantrell	T.E. obbitt
P.L. Williams	H.S. Porenski	B. Pannell	A. Ming
S.T. Beasley	M.A. Hamann	H.M. Clifton	D. Childress
C. Jackson	K.A. Zipperle	F.K. St Charles	K. Beachman
M.C. Gunn	F.W. Simmons	P. Guenther	J. Byrd
J.H. Lauterbach	Jim Taylor	G. Gilvin	K. Vanore
D.S. Roth	W.D. Overbeay	J. Biltz	

CC: (without detailed test status report)

J.N. Jewell	R.H. Honeycutt	R.T. Lewis	C.T. Dawson
K.J. Brotzge	D.J. Carter	R.E. Young	

FROM: Richard B. King, MTC Administrator

Following is a summary report for MTC test items in which there was test activity since the last MTC meeting of 11/27/95. Included, for addressees directly involved in material testing, is an updated detailed test status report for all active MTC tests.

The next MTC meeting is scheduled for Thursday, 01/11/96, at 8:30 AM in R & D's "Burley" conference room.

MATERIAL TEST COMMITTEE DECISIONS AS OF 12/07/95:

1. 94-26 Filtrona Limited approved as new supplier of CAPRI 120 NM filter rods. 38-0333.
2. 94-99 Federal cartons using Timco top lacquer. Top lacquer approved for use if needed by purchasing.
3. 95-58 Hoechst 80 gauge film approved for use.

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DETAILED TEST STATUS SUMMARY AS OF 12/07/95:
(Milestones/dates included in text)

MTC # / Priority / Originator/ Coordinator / Description

94-26 N Demarest/King, Filtrona Limited Capri 120 NM filter rods (38-0331).
10/05/95 - One-half million machinability run completed with satisfactory results. Eighteen (18) Million rods on order for long term machinability trial. Due approx. 10/17/95. Designated with material code 38-0331.
11/27/95 - Test lot nearly completed with satisfactory results.
12/07/95 - Test lot completed, MTC recommends approval for FIL to manufacture these rods as 38-0333.

94-27 N Demarest/King, Filtrona Limited Capri 120 M filter rods (38-0341).
10/05/95 - One-half million machinability run completed with satisfactory results. Eighteen (18) Million rods on order for long term machinability trial. Due approx. 10/17/95. Designated with material code 38-0341.
11/27/95 - Four week machine trial to be initiated 11/29/95.
12/07/95 - Phase III testing in progress. If testing satisfactory, FIL will manufacture these rods as 38-0343.

94-28 H Demarest/King, Filtrona Limited Capri 100 filter rods (38-0350T).
10/05/95 - One-half million machinability run completed with satisfactory results.
11/27/95 - Project on hold pending cost issues.
12/07/95 - These rods will qualify for manufacturing by FIL upon satisfactory completion of MTC 94-27. However, AFC will continue to manufacture this rod as 38-0352.

94-29 H Demarest/King, Filtrona Limited Capri Ultra filter rods (38-0370T).
10/05/95 - One-half million machinability run completed with satisfactory results.
11/27/95 - Project on hold pending cost issues.
12/07/95 - These rods will qualify for manufacturing by FIL upon satisfactory completion of MTC 94-27. However, AFC will continue to manufacture this rod as 38-0372.

94-61 N Lester/Porenski, Schoeller/Hoesch, 18-0210 plug wrap. Testing to include sensory, and porosity history. *12/19/95
No info yet*
09/15/95 - AMAC review in progress. Priority changed to normal, testing to be assigned.
12/07/95 - Phase I testing scheduled for 1st Quarter 1996. AMAC review in progress.

94-65 N

Neiheisel/Ruberti, Federal offset inks on Lucky Strike assembled by various colors on test FOBs. Colors include green, black, red, buff, and multi-banded.

- 09/15/95 - Static testing to be completed. Sensory failure on red with non-menthol product. Another sample to be submitted. Testing to again include non-menthol and menthol product. Issues of interaction and solvent types to be addressed.
- 11/27/95 - Additional sample stocks being collected.
- 12/07/95 - T. Neiheisel to order all red packaging for full R&D testing. Manufacturer to be sent turkey bags to provide samples. Material is expected in on 01/01/96.

94-86 R

Freshour/King, Carton long flap adhesive application system. (National Adhesives.)

- 09/15/95 - Machine trials in progress. Testing to also include new "Pack-tek" adhesive applicators. AMAC approves.
- 10/05/95 - Machine trials of National 8227-107 unsatisfactory. Reformulation of resin/wax ratio in the glue. New samples due to arrive approx. 10/20/95. Sensory samples to be made at that time.
- 11/27/95 - PAFRA retrials in progress, Pactec (Focke-mod 116) also using during "Run-in".
- 12/07/95 - PAFRA and Focke 4350 trials look promising using the new adhesive 72-4353. New adhesive has passed sensory and AMAC requirements. Tax stamping to be scheduled on the new adhesive.

94-96 R

Freshour/King Improved heat seal coating on Summit tear tapes. (8966-C).

- 08/24/95 - Phase II machine trial showed better pack seals for test item 8966. Longer trials to be coordinated.
- 09/15/95 - Sixty bobbins on order. MTC agrees to approve if this run successful. AMAC approved 12/94.
- 10/05/95 - Summit to provide samples ASAP.
- 12/07/95 - 58 sample rolls received, fabrication trials to be scheduled ASAP.

94-99 L

Neiheisel/King Federal cartons using Timco top lacquer.

- 10/05/95 - Material reorder required. Sensory samples need to be completed upon receipt.
- 11/27/95 - Sensory in progress. Canceled per Neiheisel.
- 12/07/95 - Timco top lacquer has been approved for future use if necessary.

94-101 N

Lester/Ruberti Swiss Barclay cigarette paper from KC to replace Demauduit (13-0670).

- 08/24/95 - Material received, new samples to be prepared.
- 12/07/95 - Sample opportunity 12/14/95.

95-2 N Freshour/Flaherty, Mobil film, 100 ABX. Action to allow use of an idle module.

02/09/95 - Leaching problems under investigation. Cabinet testing in progress.

06/09/95 - Some problem with cloudiness. S. Moldoveanu to review. Little difference between test and control. K. Flaherty to follow-up.

07/14/95 - Cloudiness issue to be resolved. Material or product characteristic to be determined.

08/24/95 - New test/control sample sent for additional cabinet trials. Now in progress.

09/15/95 - R/D cabinet trials still in progress.

10/05/95 - R&D tests still in progress. The artwork has been approved.

11/27/95 - Plug fin seal canceled. Rexum is printer of ABX film. Use will be cleared upon satisfactory check of solvents (Demarest/Philip), AMAC (Gentile) sensory and pack seals (Gentile).

12/07/95 - AMAC has approved film, more information required on the Rexum inks. MTC evaluation of inks will be required.

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AMERICAN MTC TESTS

95-7 R Neiheisel/Ruberti, Private Stock (Spec. change # 95-40)

06/09/95 - FF Kings completed 4/10/95. NF version completed 5/3/95. All tests satisfactory with exception of fade which is under review. Brand launches proceeding on schedule. MTC approves.

07/14/95 - Lt. version of brand now under test. R/D results due 7/21.

08/24/95 - Lts testing completed with acceptable results, 7/21.

09/15/95 - Lts menthol version testing in progress.

10/05/95 - Testing of men. FF 100's in progress.

11/27/95 - Men 100's testing completed with satisfactory results.

12/07/95 - Box versions of product due in, they will be reviewed on a case by case method.

95-8 R Neiheisel/Ruberti, Summit (95-40)

06/09/95 - FF Kings completed 4/10/95. NF version completed 5/3/95. All tests completed with satisfactory results with exception of fade. Initial R/D concern with solvents resolved. Styrene head space method under review by C. Philip. Brand launches proceeding as scheduled. MTC approves.

08/24/95 - Lts testing completed with acceptable results, 8/4.

09/15/95 - Ultra's not to be tested. Served by Private Stock.

10/05/95 - Testing of men. FF 100's in progress.

11/27/95 - Men 100's testing completed with satisfactory results.

12/07/95 - Box versions of product due in, they will be reviewed on a case by case method.

95-9 R Neiheisel/Ruberti, Prime (95-40)

06/09/95 - No direct testing at this time due to similarity with Private Stock.

10/05/95 - Testing of men. FF 100's in progress.

11/27/95 - Men 100's testing completed with satisfactory results.

12/07/95 - Box versions of product due in, they will be reviewed on a case by case method.

- 95-13 R Neiheisel/Ruberti, Carlton (95-42)
- 06/09/95 - MTC trials completed for non-menthol soft cup
5/22/95, non-menthol FOB completed 6/2/95.
MTC approves.
- 08/24/95 - Menthol FF testing completed 8/18 with good results.
- 11/27/95.- Menthol box testing in progress.
- 12/07/95 - Box versions of product due in, they will be reviewed
on a case by case method.
- 95-15 R Neiheisel/Ruberti, Kent Super Lights FOBs using offset inks. See 94-65.
- 12/07/95 - AMAC and sensory completed. On line check of
machinability and interaction to be completed. One
half pallet to be ordered for machine trials.
- 95-21 N Neiheisel/King, Shorewood-Canada's Viceroy KS FOBs using 11 pt
SBS from Temple Inland. (53-0911)
- 06/09/95 - No action due to late this year. T. Neiheisel
to assure AMAC OK.
- 08/24/95 - Quality issues being addressed.
- 11/27/95 - Five pallets due. Neiheisel to assure AMAC has needed
information. Sensory samples to be collected.
- 12/07/95 - AMAC still in progress, sensory samples have been
completed.
- 95-22 N Neiheisel/King, Shorewood-Canada's Viceroy KS FOBs using 11 pt
SBS from Temboard. (53-0911)
- 06/09/95 - T. Neiheisel to assure AMAC OK.
- 09/15/95 - Project terminated. Supplier not needed.
- 10/05/95 - MTC project kept open by purchasing's request.
- 11/27/95 - Ten pallets due. Neiheisel to assure AMAC has needed
information. Sensory samples to be collected.
- 12/07/95 - AMAC still in progress, sensory samples have been
completed.
- 95-23 N Demarest/Gentile, Mebane cartons for Winston-Salem Kite, Bugler, ?
Gold Mark, and SWR packaging.
- 05/04/95 - D. Cantrell to handle sensory. Material to be sent
for static testing.
- 06/09/95 - Material arrived. D. Halverstadt to check on status.
- 08/24/95 - D. Gentile has forwarded samples to D. Cantrell.
- 09/15/95 - Sensory trials in progress. C Demarest to provide
samples for static testing.
- 10/05/95 - R&D still testing (VOC issues). D. Gentile to provide
more samples to R&D.
- 11/27/95.- New samples received by R/D. Test data under review.
- 12/07/95 - R&D to provide information to the vendor in order for
VOC correction to be made.
- 95-24 N Freshour/Flaherty, AET barrier films (purchaser of Hercules).
- 05/04/95 - Test request forwarded, AMAC approves.
- 06/09/95 - Film being rerun due to a quality problem.
- 08/24/95 - No change.
- 09/15/95 - No activity.
- 10/05/95 - Rerun samples due early November. Phase I test to
be completed on receipt.
- 11/27/95 - No successful candidate as yet.

*AMAC needs
some info
12/7/95*

No info yet

- 95-26 L Demarest/Gentile, Bugler institutional.
- 08/24/95 - Cryovac BDF-1000 and Dupont candidates to be reviewed by AMAC.
 - 09/15/95 - Cryovac approved by AMAC. MTC approves after assurance of satisfactory machine trials. No other candidates to be tested at this time.
 - 11/27/95 - Machinability testing to be repeated after machine changes due to be completed in 1996. Priority to Low.
- 95-30 N Lester/Porenski Wattens cigarette paper WT-416 and WT-427.
- 08/24/95 - No activity.
 - 09/15/95 - R/D testing to be discussed with K. St. Charles. Samples to be made ASAP. Improvement to absorbency to be measured.
 - 11/27/95 - R&D in progress. Philip to check on other test requirements. AMAC has approved. Machinability trials dependent on R&D results.
- 95-33 N Neiheisel, Federal, Zeneca low styrene top lacquer. (94-6530)
- 06/09/95 - T. Neiheisel to assure AMAC and forward material number. One pallet has arrived.
 - 08/24/95 - T. Neiheisel to forward material code.
 - 11/27/95 - AMAC approves, Phase I testing to proceed after material code assignment, receipt (tentative 12/1).
 - 12/07/95 - Sensory samples completed. Sample pallet is 4th quarter material.
- 95-36 N Lester/Porenski, Non-porous Ecusta plug wrap. (18-0440).
- 09/17/95 - H. Porenski to coordinate testing.
 - 10/05/95 - Phase I testing to be completed upon receipt of Fuller and National Hot melt candidates.
 - 11/27/95 - Phase II (KDF 2) completed with 0 rod breaks. Phase III run of 10 pallets on both KDF 2's and 3's to be coordinated. AMAC approves.
 - 12/07/95 - Testing to be scheduled upon receipt of phase III materials.
- 95-37 N Neiheisel/Ruberti, Lawson GPC 100's using Federal 10pt board.
- 05/04/95 - Neiheisel to assure supplier understands scoring/counterplate issues.
 - 06/09/95 - Testing now to also include use of cross-grain fiber orientation. T Neiheisel to order 2 pallets and forward material code used.
 - 07/14/95 - GPC Lights to be used. Material due end of July. Robot machinability to be checked.
 - 08/24/95 - Material received, testing to be coordinated.
 - 09/15/95 - Material is 3rd quarter.
 - 11/27/95 - Material must be reordered. 10 to 12 pallets will be ordered for 1st quarter 1996.
 - 12/07/95 - T. Neiheisel to provide material code. Long grain material to be tested only. No testing will be conducted on cross-grain per purchasing.
- 95-40 N Neiheisel/King, Larson-Mardon using Pierce-Steven's top lacquer. *no into yet*
- 11/27/95 - Material is currently under AMAC review.
 - 12/07/95 - Sensory samples collected.

- 95-41 N Flaherty/King, Mobil X-MTV barrier film for 2nd barrier source.
- 07/14/95 - Phase 1 testing scheduled to begin 7/20.
 - 08/10/95 - Good test results on phase I machinability and tax stamping.
 - 09/15/95 - Cabinet testing in progress. AMAC has approved.
 - 10/05/95 - Six rolls of Kings and 100 size film ordered to further check machinability if good results received, 10 to 12 pallets will be ordered.
 - 11/27/95 - Testing to be scheduled. Good pack seals to be assured.
 - 12/07/95 - Testing scheduled for 12/14/95.
- 95-43 R Ruberti, Fade testing matrix for Mead, Westvaco, Federal.
- 08/14/95 - Testing includes 55 and 60 LB paper stock, 10 and 11 pt board stock, each with and without top lacquer. All paper stock and Federal SBS completed. Fade more apparent with Mead and Federal. Awaiting Westvaco SBS test material.
 - 08/24/95 - Westvaco board received. Fades in progress.
 - 09/15/95 - Westvaco board fade testing showed good results. Mead and Federal working on permanent fix.
 - 10/05/95 - Samples of an improved Federal board are being sent in for AMAC and fade approval.
 - 11/27/95 - Improved Federal board received, fades to be processed. Testing matrix to include Temple and Temboard stock.
 - 12/07/95 - Results of Mead fade testing due in week of 12/14/95.
- 95-44 N Freshour/Porenski, Water Dispersible Hot Melt Development Trials.
- 09/15/95 - H. Porenski to coordinate. AMAC has approved National, Fuller version in progress. Testing to include trials with Ecusta's non-porous plug wrap.
 - 10/05/95 - Fuller still trying to formulate a candidate. National is trying it's candidate on KDF 2 and KDF 3 in Germany.
 - 11/27/95 - Awaiting Fuller candidate. In Europe, National candidate (70-3850) ran well on KDF 3 at 600 meters/minute.
 - 12/07/95 - Fuller candidate currently under AMAC review.
- 95-48 N Simmons, Celanese 2.3 X 34,000 filter tow as a replacement for Celanese 2.6 X 42,000.
- 11/27/95 - Phase I satisfactory. More trials in progress.
 - 12/07/95 - Phase II trial completed. Results very satisfactory. Test tow (2.3 x 34,000) demonstrates significant yield improvements. Specification approval in process.
- 95-49 N Simmons, Celanese 2.0 X 35,000 filter tow as a replacement for 2.6 X 42,000 Celanese and 2.3 X 42,000 Eastman.
- 11/27/95 - Results not yet satisfactory. Work continuing.
 - 12/07/95 - Item 2.0 x 35,000 has been modified to meet objectives. Phase II testing scheduled for Jan. 1996.

95-53 N Gentile, Image Jet Printing Corp.

09/15/95 - AMAC approves. Machinability to be checked.
10/05/95 - Sensory samples sent to R&D.
11/27/95 - Sensory satisfactory, MTC recommends approval.
12/07/95 - D. Gentile to revisit sensory results and report back at next MTC meeting.

95-56 N Simmons, Eastman 2.3 X 34,000.

10/05/95 - Phase 1 testing completed, results are being evaluated.
11/27/95 - Phase 1 results satisfactory, phase 2 run being coordinated.
12/07/95 - Phase II trial completed, specification approval in process.

95-57 N Simmons, Eastman 2.0 X 39,000.

10/05/95 - Phase 1 testing completed, results are being evaluated.
11/27/95 - Phase 1 results satisfactory, phase 2 run being coordinated.
12/07/95 - Phase II trial completed, specification approval in process.

95-58 N Flaherty/King, Hoechst 80 gauge film.

09/15/95 - T. Dunn to clarify cost.
10/05/95 - Phase 1 trial to be scheduled. T. Dunn waiting on cost from Hoechst.
11/27/95 - Disaster check needed on machinability.
12/07/95 - Testing completed with no problems, MTC approves.

95-59 N Demarest/King, FIL-UK to produce Barclay Swiss rods, 38-0460.

10/05/95 - Rods received, samples made and sent to R&D for sensory approval.
11/27/95 - Sensory tests satisfactory. Analytical data under review.
12/07/95 - Product development reviewing requirements for Swiss Barclay cigarettes.

95-60 N King, FIL Capri filter rod using Eastman tow 6.4 x 15,000 consolidation from 8.0 x 13,000.

11/27/95 - Testing to begin upon receipt of samples.
12/07/95 - Samples received sensory testing to be scheduled.

95-61 N Freshour/King, Supastrip self-adhesive tear tape (36-0030, 36-0040).

10/05/95 - Supastrip needs to address failure to achieve pack seals on previous tests of the same material. Marketing also needs visual comparison samples.
11/27/95 - Resampling in progress. 100 packs of all styles to be sampled using barrier and non-barrier films. Focke 700 pressure contact to be checked.
12/07/95 - Testing on wide printed tear tape to be scheduled ASAP for January meeting with Focke and Supastrip.

95-62 N Demarest/King National 13-2509 as a replacement to 13-2486 for use as coupon adhesive.

10/05/95 - Waiting on AMAC approval.
12/07/95 - AMAC has approved. Sensory in progress.

95-63 Gentile, Domino/Amjet 3221 make-up and 1000 wash for use as a code dater for RYO cartons.

12/07/95 - Currently under AMAC review.

Still no info yet

95-64 Gentile, H.B. Fuller adhesive X-3801 for use as a RYO pouch label adhesive.

12/07/95 - AMAC approval. Phase II testing to proceed.

95-65 Gentile, Loveshaw Corp. Ink jet printer ink for use as case code dater.

12/07/95 - Currently under AMAC review.

Approved

95-66 N Neiheisel/Ruberti, Lawson Mardon as a supplier of Capri 120's blanks (84-3975) with pie slice, wedge cut and varnish bleed.

11/27/95 - One pallet due Dec. 8. X-2000, HLPs, Focke 700 machines to checked.
12/07/95 - Machinability only to be checked.

95-67 N Neiheisel/Ruberti, Lawson Mardon as a supplier of Misty Lights 120's blanks (84-9311) with pie slice, wedge cut and varnish bleed.

11/27/95 - Printed material to be ordered. X-2000, HLPs, and Focke 350 machines to be checked.
12/07/95 - Material to be checked for machinability in Macon and Reidsville.

95-68 N Neiheisel, Lawson Mardon as a supplier of American Super Lights FOB for Japan.

10/05/95 - Material is on order.
12/07/95 - Material requires all pertinent MTC testing.

95-69 Neiheisel/Ruberti, IPC & L as a supplier of Kool/GPC clear mylar coupon.

10/05/95 - Material is on order.
11/27/95 - AMAC approves.
12/07/95 - Sensory, fade, residual solvent level of new inks to be reviewed.

95-70 Flaherty, SWR in SWR Pouch Using Reynolds Metals

10/05/95 - Reformulation of ingredients required. K. Flaherty to coordinate.
11/27/95 - AMAC review in progress.
12/07/95 - Material in moisture loss R&D testing.

No info yet

95-71 Neiheisel, Federal, Thomason as a supplier of Kool off-set inks on 10 point board (91-9470).

12/07/95 - Material on order, AMAC review required.

*Ink co.?
Bad ingredients?*

- 95-72 **Neiheisel, Federal, Thomason as a supplier of GPC off-set inks on 10 point board (91-9280).**
 12/07/95 - Material on order, AMAC review required. *ink Co.?*
- 95-73 **Lester/Porenski, Golden Belt with Fuerstein base as supplier of 37-6900 tipping.**
 11/27/95 - AMAC to review. *Ingrd. or Thomason Btd.?*
 12/07/95 - Paper under R&D review, sensory and laser perf. capabilities to be reviewed. *No info yet*
- 95-74 **Neiheisel, IPC/L Kool Mild KS FOB insert .???**
 12/07/95 - AMAC review in progress. Material is 4 color process. artwork is not available, so T. Neiheisel to order colors printed on available Kent cylinders.
- 95-75 **Available MTC number.**
- 95-76 **King, Circumference target change on all CAPRI filter rods, 38-0330, 38-0340, 38-0350, 38-0370, and 38-0250. Reduction of .1 mm.**
 11/27/95 - Development specs changed, new codes issued.
 12/07/95 - Implementation proceeding, data to be collected on results.
- 95-77 **Simmons, Modification of 0370 tow from Celanese to improve yield and eliminate recessed ends. (33-0550)**
 12/07/95 - Phases I and II completed, specification approval in process.
- 95-78 **Demarest, Weyerhaeuser as supplier of TTT bulk containers. Alternate to Union Camp (65-0420).**
 11/27/95 - AMAC evaluation shows that preservatives used in corrugated adhesive contained an unacceptable preservative; however, the AMAC has been informed by Tri-Wall that this preservative is not present in the initial stock received. Re-evaluation will be required before additional orders are placed.
 12/07/95 - Teabag test to be completed on existing inventory.
- 95-79 **Neiheisel, Kromacorp inks on Viceroy KS FOB for Shorewood. (53-0911)**
 11/27/95 - Kromacorp now enrolled in the AMAC ink program.
 12/07/95 - Material on order, fade review to be completed.
- 95-80 **Available MTC number.**
- 95-81 **Demarest, Ray Press as supplier of banding labels. (21-0010)**
 12/07/95 - Under AMAC review. Estimated 400K savings from this project.
- 95-82 **Demarest, RJR as alternate foil supplier.**
 11/27/95 - AMAC under review.
 12/07/95 - Paper stock weight, supplier, coating to be addressed. AMAC approval received, sensory review to be initiated. Lower stock wt. to be checked later.

- 95-83 Beachman, Jamison as supplier of plastic container for Tube Rose.
 11/27/95 - AMAC information has been requested from Jamison
 Sensory samples to be made. *No info yet*
 12/07/95 - Samples scheduled to be made by supplier, will require
 2 month lead time.
- 95-84 Flaherty, Metalized Paper from Rembrandt. *No info yet*
 12/07/95 - Under AMAC review, information from vendor required.
 Machinability trials in D.C. unsuccessful so far.
- 95-85 Demarest, International Converter Inc. as alternate foil
 supplier. ~~Approved~~
 11/27/95 - AMAC under review.
 Paper stock weight, supplier, coating to be addressed.
 12/07/95 - Coating is acceptable, sensory review to be initiated.
- 95-86 Gentile, Sunoco as replacement for JL Clark for Institutional.?
 12/07/95 - A list of requirements for this item will be generated
 and provided at the next MTC meeting.
- 95-87 Lester/Ruberti, Shamrock change of red pigment for tipping (Litho
 Rubine replacing Quindo Magenta)
 11/27/95 - AMAC approves.
 12/07/95 - Samples are in route, sensory review will be required.
- 95-88 Lester/Ruberti, Shamrock change of Kent blue ink. Acetate replacing
 alcohol.
 11/27/95 - AMAC approves.
 12/07/95 - Samples are in route, sensory review will be required.
- 95-89 Lester/Ruberti, Shamrock change in solvent 1291. Increase in acetone.
 11/27/95 - AMAC approves.
 12/07/95 - Samples are in route, sensory review will be required.
- 95-90 Neiheisel, Lawson-Mardon Kent Mosaic. *Why is AMAC required??*
 12/07/95 - AMAC and sensory review required. Material will be all
 gravure printing, due in approx. 01/05/96. *Print-inks
 Federal
 Board*
- 95-91 Demarest, Weyerhaeuser Lithonia cases (25-2441, 27-0572)
 12/07/95 - AMAC review required. Materials due in 12/18/95.
- 95-92 L Demarest, Weyerhaeuser Franklin spacers (28-0020)
 12/07/95 - Under review by purchasing.
- 95-93 N Freshour/Porenski, National low temperature side-seam adhesive. (8718-
 109A), (8718-109B)
 11/27/95 - "A" candidate sealed without rod breaks or pop opens
 at 180 c/9000 cpm. This is an improvement over current
 adhesive.
 12/07/95 - AMAC and sensory approval received on both adhesives.

95-94 N Freshour/King, National Adhesives for use at FIL-Greensboro. (32-2051,
32-6528)
12/07/95 - AMAC approval received. Samples from FIL requested.

95-95 N Freshour/King, Fuller Box and label adhesive for Focke 700, (WB-9117)
12/07/95 - AMAC approval received, sensory in progress.

95-96 N Freshour/King, Fuller hot melt for carton long flap application.
(HL3379X)
12/07/95 - AMAC approval received.

95-97 N Freshour/King, Fuller stamp and label adhesive. (XR 5777-M)
12/07/95 - AMAC approval received.

95-98 N Freshour/King, Fuller hot melt for B1G1F bundle packs. (HL-2268X)
12/07/95 - AMAC approval received.

95-99 N Freshour/King, National adhesive for use on clear mylar coupons (32-
0214)
12/07/95 - Under AMAC review, sensory in progress.

Approved