

*Handwritten signature/initials*  
Commissioner

U.S. CONSUMER PRODUCT SAFETY COMMISSION  
WASHINGTON, D.C. 20207

LOG OF MEETING

SUBJECT: MEETING WITH REPRESENTATIVES OF PCA APPAREL INDUSTRIES, INC. AND COMMISSIONER MOORE  
DATE OF MEETING: JANUARY 25, 1996  
PLACE OF MEETING: CPSC HEADQUARTERS/ROOM 725  
LOG ENTRY SOURCE: PAMELA L. WELLER  
DATE OF ENTRY: JANUARY 30, 1996  
COMMISSION ATTENDEES:

COMMISSIONER THOMAS H. MOORE  
PAMELA L. WELLER, COUNSELOR TO COMMISSIONER MOORE  
MICHAEL GOUGISHA, COUNSELOR TO COMMISSIONER MOORE  
TERRY KARELS, DIRECTORATE FOR ECONOMIC ANALYSIS

NON-COMMISSION ATTENDEES:

STEPHEN SCHNITZER, PCA APPAREL INDUSTRIES  
MARVIN SANDBERG, PCA APPAREL INDUSTRIES  
DIANE ZIPURSKY, WILEY, REIN & FIELDING  
ANDREW S. KRULWICH, WILEY, REIN & FIELDING  
MAUREEN CISLO, PRODUCT SAFETY LETTER  
PATTY ADAIR, NATIONAL COTTON COUNCIL  
ALLISON WOLF, AAMA  
BRUCE NAVARRO, BRUCE C. NAVARRO LEGISLATIVE & REGULATORY AFFAIRS

SUMMARY OF MEETING:

PCA APPAREL INDUSTRIES, INC. met with Commissioner Moore to express their opposition to proposed changes in the infants' and children's sleepwear regulations. They stated they felt the current regulations had worked well and since there was nothing broken with them they should not be "fixed".

PCA also expressed concern that the new tight-fitting regulatory proposal would merely add another layer of regulation without solving the enforcement problem. They also stated that it would be impossible to ensure that children would actually be wearing tight-fitting cotton sleepwear and that manufacturers would tend to eliminate the smaller sizes because consumers would not buy them.

PCA provided Commissioner Moore with an outline of their

meeting points (attached).

Commissioner Moore asked if PCA was familiar with the Canadian experience and they stated they were not. Commissioner Moore also asked them if they thought a reduction in ignition sources accounted for some of the reduction in sleepwear fire incidents. PCA indicated that was certainly the case but that there were still plenty of ignition sources and that the sleepwear regulations were part of the reason sleepwear ignitions had plummeted. Commissioner Moore also asked if there had been a change in consumer preference from polyester sleepwear to cotton. PCA indicated that marketing strategies had more to do with swaying consumer buying choices than a groundswell for cotton.

Commissioner Moore indicated that this was a very important issue and that he had already given it a great deal of thought and would give consideration to the points they had made. The meeting concluded with Commissioner Moore thanking PCA for their input in this proceeding.

**PCA APPAREL INDUSTRIES, INC.**  
**Outline for Meetings with CPSC Commissioners**  
**January 25, 1996**

The company strongly opposes the proposed relaxation of the children's sleepwear standards for the following reasons:

1. At the time the current standards were adopted in the early 1970's, many consumers favored cotton for sleepwear. Despite this preference, the rules were enacted to protect children from death and serious burn injuries associated with the ignition of sleepwear. Consumers' continued preference for cotton sleepwear does not justify the increased risk which will result from modification of the standards.
2. The current standard works, as CPSC's own evidence indicates.
3. It cannot be assumed that tight-fitting cotton pajamas will be used by parents (and their children) as a substitute for loose fitting cotton T-shirts. There is no evidence to support such an assumption.
4. While dictating specifications may control what is being produced, it cannot control how the goods are marketed and purchased.
  - The dimensions specified for "tight-fitting" are not workable. These requirements differ greatly from what retailers currently specify, which is developed on the basis of consumer preference.
  - Because the specifications are too tight, consumers will continue to "buy up" to larger sizes. As a result, the garments will not be "tight fitting" as worn.
  - As consumers continue to buy the larger sizes, stores will eliminate smaller sizes.
5. CPSC staff has determined that manufacturing tolerances cannot be allowed because any variance would compromise safety as the garment may not be "tight-fitting". Variances are inherent in wearing apparel because no garment fits the same on any two people. Thus, by the staff's own admission, the new rules would compromise safety.
6. If non-FR cotton pajamas are sold on the same shelf as FR polyester pajamas, making them comparable in the eyes of the consumer, cotton will become the bigger seller and polyester will disappear from the shelves. The consumers' choice of purchasing FR goods will also disappear.
7. There will be no reduction in enforcement costs. On the contrary, costs could increase as the agency will be required to monitor compliance with "tight fitting" specifications, in addition to existing requirements for other types of sleepwear. Furthermore, the ambiguity as to sleepwear v. underwear will not be eliminated. Companies will still manufacture cotton underwear, which does not have to meet the new requirements. The agency will need to monitor the marketing of such items to ensure compliance.

THE ATTACHED SHEETS REPRESENT FINISHED GARMENT SPECIFICATION COMPARISONS OF SPECIFIC MARKET GARMENTS AS COMPARED TO THE PROPOSED FEDERAL TIGHT FITTING SPECIFICATION STANDARDS FOR TWO [2] SIZES WITHIN EACH SIZE RANGE.

## SLEEPWEAR SIZE 9 - 12 MONTHS [INFANTS RANGE]

POINT OF MEASUREMENT	PROPOSED TIGHT FITTING FEDERAL SPECIFICATIONS	EXISTING RETAIL SLEEPWEAR SPECIFICATIONS	
HEIGHT			
WEIGHT (LBS)			
CHEST	18 1/2	20	
WAIST [1]		16 3/4	RELAXED
[2]	19	23 1/2	EXTENDED
HIPS (BOYS)	19	22 1/2	
THIGH (BOYS)	10 1/2	14	
UPPER ARM	5 5/8	NOT AVAILABLE	
WRIST [3]	4 1/8	4	
ANKLE [4]	5	4 1/4	
ARMHOLE [5]		10 1/4	
ACROSS SHOULDER [6]		9 1/8	
FRONT LENGTH (HPS) [7]		10	
SLEEVE LENGTH (CBN) [8]		13	
NECK RELAXED [9]		10 1/2	
FRONT RISE [10]		7 1/4	
BACK RISE [11]		9	
INSEAM [12]		7 3/4	
OUTSEAM [13]		15 1/4	

### THE FOLLOWING REFERENCE NOTES RELATE TO EXISTING SPECIFICATIONS:

- [1] WAIST RELAXED - EDGE TO EDGE
- [2] WAIST EXTENDED - EDGE TO EDGE STRETCHED [FEDERAL WAIST MEASUREMENT IS ASSUMED TO BE WAIST EXTENDED SINCE MEASUREMENT CRITERIA IS NOT STATED]
- [3] WRIST - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED WRISTLET CONSTRUCTION
- [4] ANKLE - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED ANKLET CONSTRUCTION
- [5] ARMHOLE - AROUND CURVE OF ARMHOLE
- [6] ACROSS SHOULDER - EDGE OF SHOULDER SEAM TO EDGE OF SHOULDER SEAM
- [7] FRONT LENGTH (HPS) - FRONT HIGH POINT OF SHOULDER SEAM TO BOTTOM HEM EDGE
- [8] SLEEVE LENGTH(CBN)- FROM CENTER NECK TO SHOULDER SEAM, DOWN SLEEVE TO EDGE
- [9] NECK RELAXED - EDGE TO EDGE RELAXED
- [10] FRONT RISE - TOP OF WAIST DOWN TO CROTCH
- [11] BACK RISE - TOP OF WAIST DOWN TO CROTCH
- [12] INSEAM - CROTCH TO BOTTOM EDGE
- [13] OUTSEAM - TOP OF WAIST DOWN TO BOTTOM EDGE

## SLEEPWEAR SIZE 18 - 24 MONTHS [INFANTS RANGE]

POINT OF MEASUREMENT	PROPOSED TIGHT FITTING FEDERAL SPECIFICATIONS	EXISTING RETAIL SLEEPWEAR SPECIFICATIONS	
HEIGHT			
WEIGHT (LBS)			
CHEST	20 1/2	22	
WAIST [1]		18	RELAXED
[2]	20	25 1/2	EXTENDED
HIPS (BOYS)	21	24 1/2	
THIGH (BOYS)	11 5/8	15	
UPPER ARM	6 1/8	NOT AVAILABLE	
WRIST [3]	4 1/4	4	
ANKLE [4]	5 3/8	4 1/2	
ARMHOLE [5]		11	
ACROSS SHOULDER [6]		10 1/8	
FRONT LENGTH (HPS) [7]		11	
SLEEVE LENGTH (CBN) [8]		15 3/4	
NECK RELAXED [9]		11 1/4	
FRONT RISE [10]		8 1/4	
BACK RISE [11]		10	
INSEAM [12]		10 1/4	
OUTSEAM [13]		18 3/4	

**THE FOLLOWING REFERENCE NOTES RELATE TO EXISTING SPECIFICATIONS:**

- [1] WAIST RELAXED - EDGE TO EDGE
- [2] WAIST EXTENDED - EDGE TO EDGE STRETCHED [FEDERAL WAIST MEASUREMENT IS ASSUMED TO BE WAIST EXTENDED SINCE MEASUREMENT CRITERIA IS NOT STATED]
- [3] WRIST - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED WRISTLET CONSTRUCTION
- [4] ANKLE - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED ANKLET CONSTRUCTION
- [5] ARMHOLE - AROUND CURVE OF ARMHOLE
- [6] ACROSS SHOULDER - EDGE OF SHOULDER SEAM TO EDGE OF SHOULDER SEAM
- [7] FRONT LENGTH (HPS) - FRONT HIGH POINT OF SHOULDER SEAM TO BOTTOM HEM EDGE
- [8] SLEEVE LENGTH (CBN) - FROM CENTER NECK TO SHOULDER SEAM, DOWN SLEEVE TO EDGE
- [9] NECK RELAXED - EDGE TO EDGE RELAXED
- [10] FRONT RISE - TOP OF WAIST DOWN TO CROTCH
- [11] BACK RISE - TOP OF WAIST DOWN TO CROTCH
- [12] INSEAM - CROTCH TO BOTTOM EDGE
- [13] OUTSEAM - TOP OF WAIST DOWN TO BOTTOM EDGE

## SLEEPWEAR SIZE 2T [TODDLER BOYS RANGE]

POINT OF MEASUREMENT	PROPOSED TIGHT FITTING FEDERAL SPECIFICATIONS	EXISTING RETAIL SLEEPWEAR SPECIFICATIONS	
HEIGHT			
WEIGHT [LBS]			
CHEST	20	22	
WAIST [1]		15	RELAXED
	[2] 20	22	EXTENDED
HIPS (BOYS)	21	25 1/2	
THIGH (BOYS)	11 1/2	15 3/8	
UPPER ARM [3]	6 1/8	9	
WRIST [4]	4 1/2	5	
ANKLE [5]	5 1/2	6	
ARMHOLE [6]		11	
ACROSS SHOULDER [7]		9 3/8	
FRONT LENGTH (HPS) [8]		12 7/8	
SLEEVE LENGTH (CBN) [9]		16 3/8	
NECK EXTENDED [10]		22	
FRONT RISE [11]		7 3/4	
BACK RISE [12]		9 1/2	
INSEAM [13]		NOT SPECIFIED	
OUTSEAM [14]		18 1/4	

**THE FOLLOWING REFERENCE NOTES RELATE TO EXISTING SPECIFICATIONS:**

- [1] WAIST RELAXED - EDGE TO EDGE
- [2] WAIST EXTENDED - EDGE TO EDGE STRETCHED (FEDERAL WAIST MEASUREMENT IS ASSUMED TO BE WAIST EXTENDED SINCE MEASUREMENT CRITERIA IS NOT STATED)
- [3] UPPER ARM - MEASUREMENTS AS INDICATED ARE DERIVED FROM ACTUAL GARMENT[S] MEASUREMENT FROM THE INDICATED SOURCE, SINCE UPPER ARM MEASUREMENTS ARE NOT STATED ON CUSTOMER SPECIFICATION REQUIREMENTS.
- [4] WRIST - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED WRISTLET CONSTRUCTION
- [5] ANKLE - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED ANKLET CONSTRUCTION
- [6] ARMHOLE - AROUND CURVE OF ARMHOLE
- [7] ACROSS SHOULDER - EDGE OF SHOULDER SEAM TO EDGE OF SHOULDER SEAM
- [8] FRONT LENGTH (HPS) - FRONT HIGH POINT OF SHOULDER SEAM TO BOTTOM HEM EDGE
- [9] SLEEVE LENGTH(CBN)- FROM CENTER NECK TO SHOULDER SEAM, DOWN SLEEVE TO EDGE
- [10] NECK EXTENDED - EDGE TO EDGE STRETCHED
- [11] FRONT RISE - TOP OF WAIST DOWN TO CROTCH
- [12] BACK RISE - TOP OF WAIST DOWN TO CROTCH
- [13] INSEAM - CROTCH TO BOTTOM EDGE
- [14] OUTSEAM - TOP OF WAIST DOWN TO BOTTOM EDGE

## SLEEPWEAR SIZE 4T [TODDLER BOYS RANGE]

POINT OF MEASUREMENT	PROPOSED TIGHT FITTING FEDERAL SPECIFICATIONS	EXISTING RETAIL SLEEPWEAR SPECIFICATIONS	
HEIGHT			
WEIGHT [LBS]			
CHEST	22	24	
WAIST [1]		17	RELAXED
WAIST [2]	21	24	EXTENDED
HIPS (BOYS)	23	27 1/2	
THIGH (BOYS)	13	16 5/8	
UPPER ARM [3]	6 5/8	10 1/2	
WRIST [4]	4 3/4	5	
ANKLE [5]	6 1/4	6	
ARMHOLE [6]		12	
ACROSS SHOULDER [7]		10 1/8	
FRONT LENGTH (HPS) [8]		14 3/8	
SLEEVE LENGTH (CBN) [9]		19	
NECK EXTENDED [10]		22	
FRONT RISE [11]		8 3/4	
BACK RISE [12]		10 1/2	
INSEAM [13]		NOT SPECIFIED	
OUTSEAM [14]		22 3/4	

**THE FOLLOWING REFERENCE NOTES RELATE TO EXISTING SPECIFICATIONS:**

- [1] WAIST RELAXED - EDGE TO EDGE
- [2] WAIST EXTENDED - EDGE TO EDGE STRETCHED [FEDERAL WAIST MEASUREMENT IS ASSUMED TO BE WAIST EXTENDED SINCE MEASUREMENT CRITERIA IS NOT STATED]
- [3] UPPER ARM - MEASUREMENTS AS INDICATED ARE DERIVED FROM ACTUAL GARMENT[S] MEASUREMENT FROM THE INDICATED SOURCE, SINCE UPPER ARM MEASUREMENTS ARE NOT STATED ON CUSTOMER SPECIFICATION REQUIREMENTS.
- [4] WRIST - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED WRISTLET CONSTRUCTION
- [5] ANKLE - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED ANKLET CONSTRUCTION
- [6] ARMHOLE - AROUND CURVE OF ARMHOLE
- [7] ACROSS SHOULDER - EDGE OF SHOULDER SEAM TO EDGE OF SHOULDER SEAM
- [8] FRONT LENGTH (HPS) - FRONT HIGH POINT OF SHOULDER SEAM TO BOTTOM HEM EDGE
- [9] SLEEVE LENGTH(CBN)- FROM CENTER NECK TO SHOULDER SEAM, DOWN SLEEVE TO EDGE
- [10] NECK EXTENDED - EDGE TO EDGE STRETCHED
- [11] FRONT RISE - TOP OF WAIST DOWN TO CROTCH
- [12] BACK RISE - TOP OF WAIST DOWN TO CROTCH
- [13] INSEAM - CROTCH TO BOTTOM EDGE
- [14] OUTSEAM - TOP OF WAIST DOWN TO BOTTOM EDGE

## SLEEPWEAR SIZE 5 [JUNIOR BOYS RANGE]

POINT OF MEASUREMENT	PROPOSED TIGHT FITTING FEDERAL SPECIFICATIONS	EXISTING RETAIL SLEEPWEAR SPECIFICATIONS	
HEIGHT			
WEIGHT (LBS)			
CHEST	23	25	
WAIST [1]		18	RELAXED
[2]	21 1/2	25	EXTENDED
HIPS (BOYS)	24	27	
THIGH (BOYS)	13 5/8	16 1/2	
UPPER ARM [3]	6 7/8	12	
WRIST [4]	4 7/8	4 1/2	
ANKLE [5]	6 5/8	5 3/4	
ARMHOLE [6]		12 1/2	
ACROSS SHOULDER [7]		10 1/2	
FRONT LENGTH (HPS) [8]		15 1/4	
SLEEVE LENGTH (CBN) [9]		20 1/4	
NECK EXTENDED [10]		22	
FRONT RISE [11]		8 5/8	
BACK RISE [12]		10 3/8	
INSEAM [13]		NOT SPECIFIED	
OUTSEAM [14]		25 1/2	

**THE FOLLOWING REFERENCE NOTES RELATE TO EXISTING SPECIFICATIONS:**

- [1] WAIST RELAXED - EDGE TO EDGE
- [2] WAIST EXTENDED - EDGE TO EDGE STRETCHED (FEDERAL WAIST MEASUREMENT IS ASSUMED TO BE WAIST EXTENDED SINCE MEASUREMENT CRITERIA IS NOT STATED)
- [3] UPPER ARM - MEASUREMENTS AS INDICATED ARE DERIVED FROM ACTUAL GARMENT[S] MEASUREMENT FROM THE INDICATED SOURCE, SINCE UPPER ARM MEASUREMENTS ARE NOT STATED ON CUSTOMER SPECIFICATION REQUIREMENTS.
- [4] WRIST - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED WRISTLET CONSTRUCTION
- [5] ANKLE - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED ANKLET CONSTRUCTION
- [6] ARMHOLE - AROUND CURVE OF ARMHOLE
- [7] ACROSS SHOULDER - EDGE OF SHOULDER SEAM TO EDGE OF SHOULDER SEAM
- [8] FRONT LENGTH (HPS) - FRONT HIGH POINT OF SHOULDER SEAM TO BOTTOM HEM EDGE
- [9] SLEEVE LENGTH(CBN)- FROM CENTER NECK TO SHOULDER SEAM, DOWN SLEEVE TO EDGE
- [10] NECK EXTENDED - EDGE TO EDGE STRETCHED
- [11] FRONT RISE - TOP OF WAIST DOWN TO CROTCH
- [12] BACK RISE - TOP OF WAIST DOWN TO CROTCH
- [13] INSEAM - CROTCH TO BOTTOM EDGE
- [14] OUTSEAM - TOP OF WAIST DOWN TO BOTTOM EDGE

## SLEEPWEAR SIZE 7 [JUNIOR BOYS RANGE]

POINT OF MEASUREMENT	PROPOSED TIGHT FITTING FEDERAL SPECIFICATIONS	EXISTING RETAIL SLEEPWEAR SPECIFICATIONS	
HEIGHT	48 1/2-50		
WEIGHT [LBS]	54-60		
CHEST	25	27	
WAIST [1]		20	RELAXED
		27	EXTENDED
HIPS (BOYS)	26	29	
THIGH (BOYS)	14 5/8	17 3/4	
UPPER ARM [3]	7 3/8	12 1/2	
WRIST [4]	5 1/8	4 3/4	
ANKLE [5]	7 3/8	6	
ARMHOLE [6]		13 1/2	
ACROSS SHOULDER [7]		11 1/4	
FRONT LENGTH (HPS) [8]		16 7/8	
SLEEVE LENGTH (CBN) [9]		22 3/4	
NECK EXTENDED [10]		22	
FRONT RISE [11]		9 3/8	
BACK RISE [12]		11 1/8	
INSEAM [13]		NOT SPECIFIED	
OUTSEAM [14]		29 3/4	

**THE FOLLOWING REFERENCE NOTES RELATE TO EXISTING SPECIFICATIONS:**

- [1] WAIST RELAXED - EDGE TO EDGE
- [2] WAIST EXTENDED - EDGE TO EDGE STRETCHED [FEDERAL WAIST MEASUREMENT IS ASSUMED TO BE WAIST EXTENDED SINCE MEASUREMENT CRITERIA IS NOT STATED]
- [3] UPPER ARM - MEASUREMENTS AS INDICATED ARE DERIVED FROM ACTUAL GARMENT(S) MEASUREMENT FROM THE INDICATED SOURCE, SINCE UPPER ARM MEASUREMENTS ARE NOT STATED ON CUSTOMER SPECIFICATION REQUIREMENTS.
- [4] WRIST - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED WRISTLET CONSTRUCTION
- [5] ANKLE - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED ANKLET CONSTRUCTION
- [6] ARMHOLE - AROUND CURVE OF ARMHOLE
- [7] ACROSS SHOULDER - EDGE OF SHOULDER SEAM TO EDGE OF SHOULDER SEAM
- [8] FRONT LENGTH (HPS) - FRONT HIGH POINT OF SHOULDER SEAM TO BOTTOM HEM EDGE
- [9] SLEEVE LENGTH(CBN)- FROM CENTER NECK TO SHOULDER SEAM, DOWN SLEEVE TO EDGE
- [10] NECK EXTENDED - EDGE TO EDGE STRETCHED
- [11] FRONT RISE - TOP OF WAIST DOWN TO CROTCH
- [12] BACK RISE - TOP OF WAIST DOWN TO CROTCH
- [13] INSEAM - CROTCH TO BOTTOM EDGE
- [14] OUTSEAM - TOP OF WAIST DOWN TO BOTTOM EDGE

## SLEEPWEAR SIZE 10 [BOYS RANGE]

POINT OF MEASUREMENT	PROPOSED TIGHT FITTING FEDERAL SPECIFICATIONS	EXISTING RETAIL SLEEPWEAR SPECIFICATIONS	
HEIGHT	53 1/2-55		
WEIGHT [LBS]	70-74		
CHEST	28	30	
WAIST [1]		22	RELAXED
[2]	24 1/2	31 1/2	EXTENDED
HIPS (BOYS)	28	30 1/2	
THIGH (BOYS)	16 1/8	17	
UPPER ARM [3]	8 1/8	12 1/2	
WRIST [4]	5 1/2	5 3/4	
ANKLE [5]	7 3/4	6 1/2	
ARMHOLE [6]		13 5/8	
ACROSS SHOULDER [7]		NOT SPECIFIED	
FRONT LENGTH (HPS) [8]		21 5/8	
SLEEVE LENGTH (CBN) [9]		26	
NECK EXTENDED [10]		22	
FRONT RISE [11]		9 3/4	
BACK RISE [12]		12 1/4	
INSEAM [13]		NOT SPECIFIED	
OUTSEAM [14]		32	

**THE FOLLOWING REFERENCE NOTES RELATE TO EXISTING SPECIFICATIONS:**

- [1] WAIST RELAXED - EDGE TO EDGE
- [2] WAIST EXTENDED - EDGE TO EDGE STRETCHED [FEDERAL WAIST MEASUREMENT IS ASSUMED TO BE WAIST EXTENDED SINCE MEASUREMENT CRITERIA IS NOT STATED]
- [3] UPPER ARM - MEASUREMENTS AS INDICATED ARE DERIVED FROM ACTUAL GARMENT[S] MEASUREMENT FROM THE INDICATED SOURCE, SINCE UPPER ARM MEASUREMENTS ARE NOT STATED ON CUSTOMER SPECIFICATION REQUIREMENTS.
- [4] WRIST - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED WRISTLET CONSTRUCTION
- [5] ANKLE - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED ANKLET CONSTRUCTION
- [6] ARMHOLE - AROUND CURVE OF ARMHOLE
- [7] ACROSS SHOULDER - EDGE OF SHOULDER SEAM TO EDGE OF SHOULDER SEAM
  
- [8] FRONT LENGTH (HPS) - FRONT HIGH POINT OF SHOULDER SEAM TO BOTTOM HEM EDGE
- [9] SLEEVE LENGTH(CBN)- FROM CENTER NECK TO SHOULDER SEAM, DOWN SLEEVE TO EDGE
- [10] NECK EXTENDED - EDGE TO EDGE STRETCHED
- [11] FRONT RISE - TOP OF WAIST DOWN TO CROTCH
- [12] BACK RISE - TOP OF WAIST DOWN TO CROTCH
- [13] INSEAM - CROTCH TO BOTTOM EDGE
  
- [14] OUTSEAM - TOP OF WAIST DOWN TO BOTTOM EDGE

## SLEEPWEAR SIZE 14 [BOYS RANGE]

POINT OF MEASUREMENT	PROPOSED TIGHT FITTING FEDERAL SPECIFICATIONS	EXISTING RETAIL SLEEPWEAR SPECIFICATIONS	
HEIGHT	59 1/2-61		
WEIGHT (LBS)	93-100		
CHEST	32	33	
WAIST [1]		24	RELAXED
[2]	26 1/2	34 1/2	EXTENDED
HIPS (BOYS)	32	33 1/2	
THIGH (BOYS)	18 1/8	19	
UPPER ARM [3]	9	13 1/2	
WRIST [4]	6	6 1/4	
ANKLE [5]	8 1/4	7 1/2	
ARMHOLE [6]		15 3/8	
ACROSS SHOULDER [7]		NOT SPECIFIED	
FRONT LENGTH (HPS) [8]		23 3/4	
SLEEVE LENGTH (CBN) [9]		29 1/2	
NECK EXTENDED [10]		22	
FRONT RISE [11]		11 1/4	
BACK RISE [12]		13 3/4	
INSEAM [13]		NOT SPECIFIED	
OUTSEAM [14]		37	

**THE FOLLOWING REFERENCE NOTES RELATE TO EXISTING SPECIFICATIONS:**

- [1] WAIST RELAXED - EDGE TO EDGE
- [2] WAIST EXTENDED - EDGE TO EDGE STRETCHED [FEDERAL WAIST MEASUREMENT IS ASSUMED TO BE WAIST EXTENDED SINCE MEASUREMENT CRITERIA IS NOT STATED]
- [3] UPPER ARM - MEASUREMENTS AS INDICATED ARE DERIVED FROM ACTUAL GARMENT(S) MEASUREMENT FROM THE INDICATED SOURCE, SINCE UPPER ARM MEASUREMENTS ARE NOT STATED ON CUSTOMER SPECIFICATION REQUIREMENTS.
- [4] WRIST - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED WRISTLET CONSTRUCTION
- [5] ANKLE - THE EXISTING SLEEPWEAR STANDARDS ARE BASED ON A RIBBED ANKLET CONSTRUCTION
- [6] ARMHOLE - AROUND CURVE OF ARMHOLE
- [7] ACROSS SHOULDER - EDGE OF SHOULDER SEAM TO EDGE OF SHOULDER SEAM
  
- [8] FRONT LENGTH (HPS) - FRONT HIGH POINT OF SHOULDER SEAM TO BOTTOM HEM EDGE
- [9] SLEEVE LENGTH(CBN)- FROM CENTER NECK TO SHOULDER SEAM, DOWN SLEEVE TO EDGE
- [10] NECK EXTENDED - EDGE TO EDGE STRETCHED
- [11] FRONT RISE - TOP OF WAIST DOWN TO CROTCH
- [12] BACK RISE - TOP OF WAIST DOWN TO CROTCH
- [13] INSEAM - CROTCH TO BOTTOM EDGE
  
- [14] OUTSEAM - TOP OF WAIST DOWN TO BOTTOM EDGE