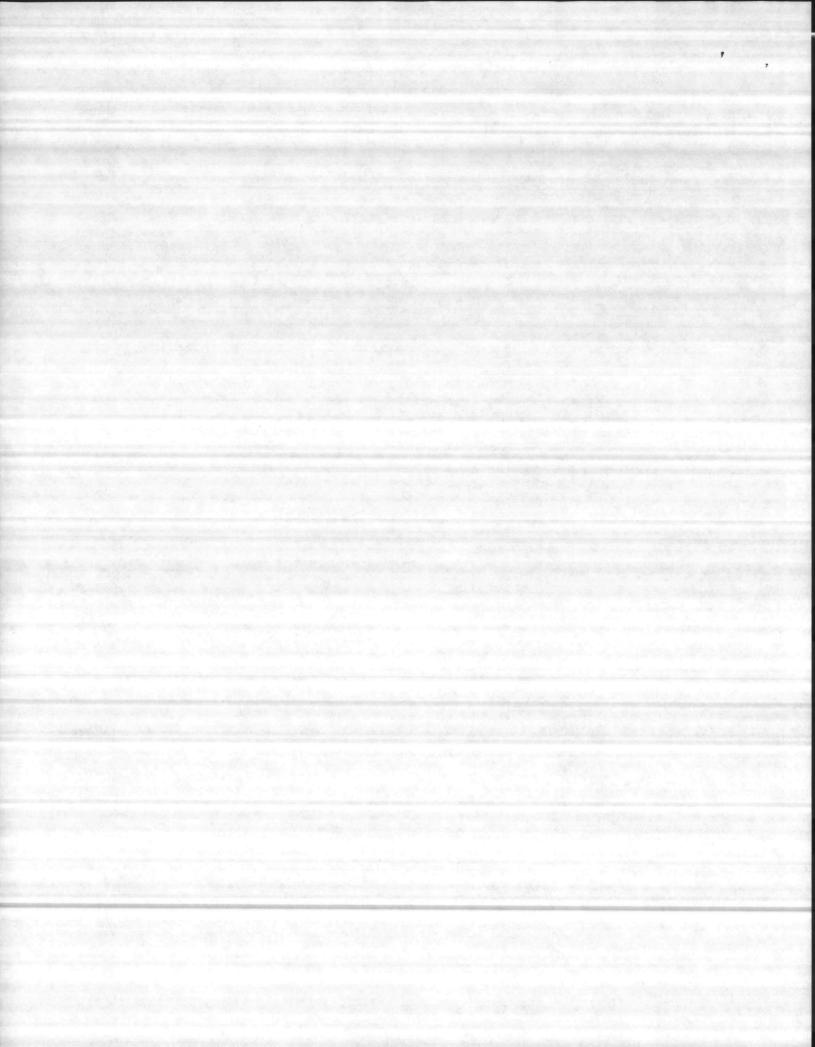
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### CRAVEN ELECTRIC SLIPPLY CO., INC.

Wholesale Electrical Supplies 919 GEORGE STREET NEW BERN, N. C. 28560 637-3147 - PHONE - 637-3148

February 6, 1984

L. W. Sloan Builders 522 Scenic Drive Wilmington, NC 28402

RE: Public Works Helipad Camp Lejeune, NC

Dear Mr. Sloan:

Please see enclosed copies of resubmittals on the high voltage cable and the #500 MCM Aluminum wire for the above reference job. Through an error, we submitted Houston Wire and Cable. Unfortunately, Houston Wire and Cable is a wire broker, not a wire manufacturer. They have wire manufactured to meet their specifications by various wire manufacturers. When we released the wire on this job, they shipped Essex Wire. The government inspectors thought the wire should have been Houston Wire and Cable. I contacted Mr. Larry Brant about this matter. He informed me that we would have to resubmit this wire through proper channels, prior to installation. Also, the date on the high voltage cable is 12/18/82, which we propose to submit as a deviation to the six months clause in the specifications.

If you have any questions concerning the above information, please feel free to contact me at 1-800-682-3938.

Sincerely,

CRAVEN ELECTRIC SUPPLY CO., INC.

W. Tom Jarman

Vice President

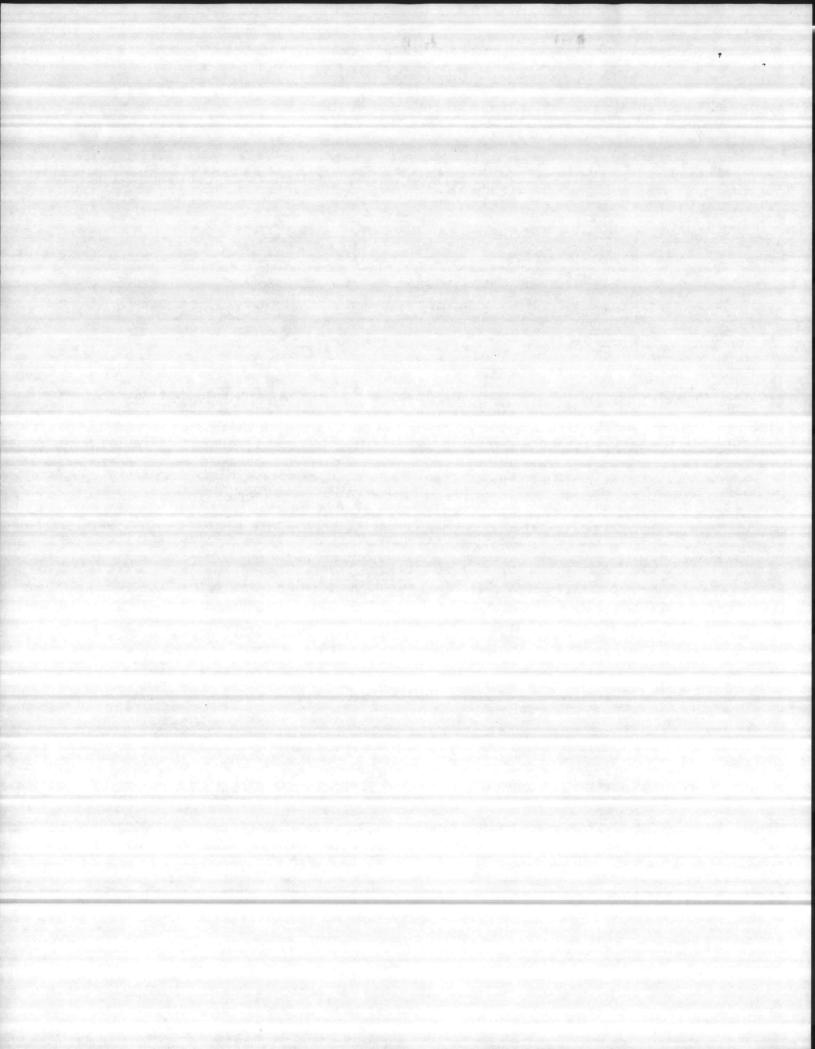
WTJ/sba

CO., INC. "It is hereby certified that the (equipment) (material) shown and marked in this submittal is that proposed to be incorporated into Contract Number N32470 <u>SI-C-IIble</u> is in compliance with the Contract drawings and specifications, can be installed in the allocated spaces, and is cubmitted Government approval.

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Certified by DS

2-9-84 Date



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Alcan Cable is a division of Alcan Aluminum Corporation. Founded as Central Cable Corporation in 1939, Alcan Cable was acquired by Alcan and renamed in 1964. As one of the five operating divisions of Alcan Aluminum Corporation, Alcan Cable is an important member of the international Alcan Group of more than 90 companies worldwide.

Alcan Aluminum Corporation employs almost 5,000 people and is the fourth largest aluminum fabricator in the United States. Alcan Cable Division employs approximately 575 people in four manufacturing plants, two sales offices and the Headquarters Office. Additionally, Alcan Cable Manufacturer's Representatives operate twenty strategically located sales offices with warehouses plus eight additional sales service facilities.

Alcan Cable's headquarters is located in Atlanta, Georgia, with cable manufacturing plants in Tucker, Georgia; Williamsport, Pennsylvania; Sedalia, Missouri; and Bay St. Louis, Mississippi.

The plant in Tucker, Georgia concentrates production in high-voltage, long distance transmission cable (ACSR, all-aluminum and self-damping conductors).

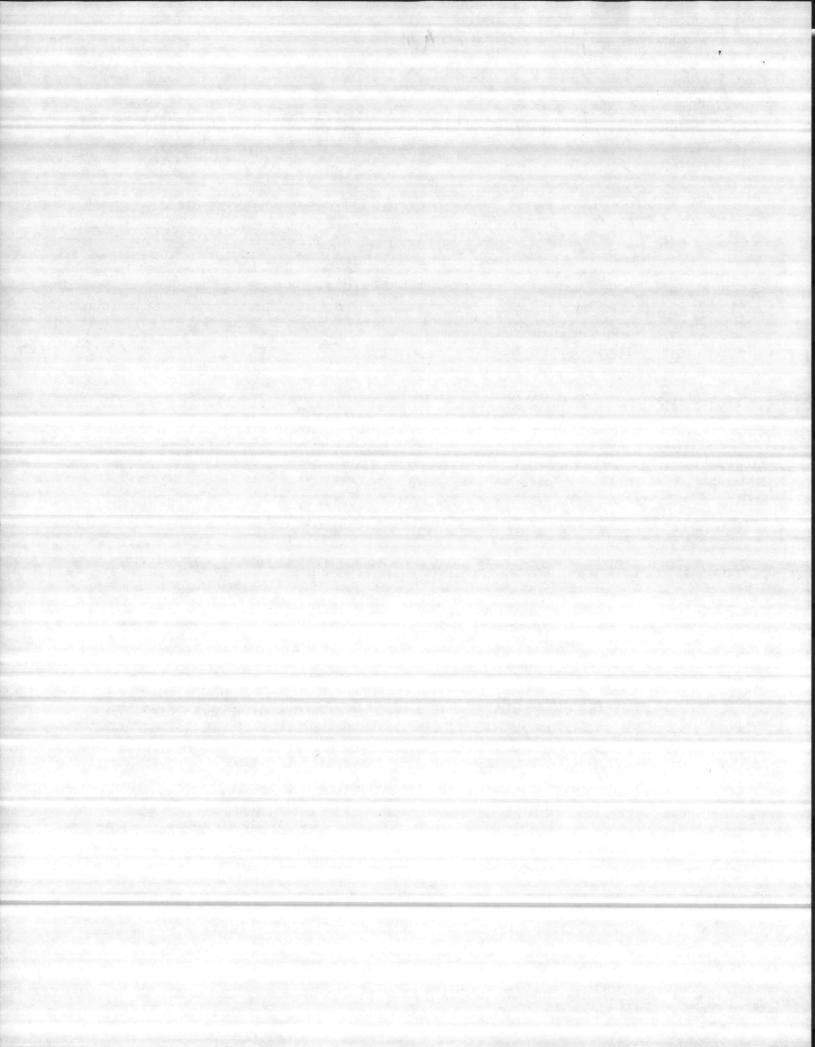
Williamsport houses the Alcan Cable rolling mill where wire bar is rolled into redraw rod for wire production at the other plants. Williamsport also produces bare overhead products, polyethylene and cross-linked polyethylene covered service drop cables and 600 Volt cross-linked polyethylene insulated underground cable.

The Sedalia plant concentrates production in aluminum building wire products and aluminum service entrance cables. Our STABILOY building wire is fabricated here.

Bay St. Louis is the home of the Alcan facility dedicated to the production of 600 Volt cross-linked polyethylene underground distribution cable.

ALCAN CABLE is backed by the research, development and manufacturing facilities of Alcan Aluminium Limited. We're proud of our long history of providing new and innovative products to the many customers we serve. We're always at work, improving our products and preparing our company to satisfy the needs of our customers and the aluminum industry both today and as we move into the twenty-first century.

"It is hereby certified that the (equipment) (material) shown and marked in this submittal is that proposed to be incorporated into Contract Number N32470 <u>SI\_C\_IT(0</u>/4s in compliance with the Contract drawings and specifications, can be its allocd in the allocated spece, and to submitted Covernment approval. <u>Accan Aumoun Corporation which is because the word the vertication of the beta the cont St device the market have Accan Aumoun Corporation which is because the market by the Aumount company of Grandh and an end of the back and the set of the cont St device the market by the Aumount Company of Grandh and and and and set of the back and the set of the cont St device the market by the Aumount Company of Grandh and the back and St device the market by the Aumount Company of Grandh and the back and St device the market by the Aumount Company of Grandh and the back and St device the terms of the back and the terms of the set of</u>



# JIADILUY IYPEINW

ALCAN STABILOY® 600V THW (UL)

**DESCRIPTION:** Alcan Type THW building wire is designed for general-purpose wiring in residential, commercial and industrial buildings. It meets the requirements of Underwriters Laboratories Inc. Standard # 83 for Type THW with a maximum operating temperature of 75°C in wet or dry locations. Rated at 600 Volts, the cable is approved for use in accordance with the recommendations of the National Electrical Code. Alcan Type THW meets the requirements of Federal Specification JC-30A.

**CONDUCTOR:** STABILOY compact stranded.

INSULATION: Black polyvinyl chloride (PVC). (See Note 1)

MARKING: Cables will bear the following surface marking: Alcan (Plant) (Size) Compact AL STABILOY " 600 Volt THW (UL).

Number	Insulation	Nominal THW	Nominal Conductor	Nominal Weight (lbs/1000')		Standard Package	
Strands	(mils)	(inches)	(inches)	STABILOY	Total	Length	Reel
7 7 7 19	60 60 60 80	.289 333 388 459	169 213 268 299	25 39 62 79	51 71 101 137	1000' 1000' 1000' 1000'	NRC 16 15 NRC 16 15 NRC 21 15 NRC 21 15 NRC 21 15
19 19 19 19	80 80 80 80	496 536 583 .635	336 376 423 475	99 125 157 199	164 196 236 286	1000° 1000° 1000° 1000°	NRC 21 18 NRC 24 15 NRC 24 18 NRC 27 18
37 37 37 37 37 37	95 95 95 95 <b>95</b>	.733 .783 .830 .873 .952	520 570 616 .659 .736	235 282 329 376 469	360 417 473 528 637	1000' 1000' 1000' 1000' 1000'	NRC 30 18 NRC 30.24 NRC 30.24 NRC 30.24 NRC 30.24 NRC 32.24
61 61 61 61	110 110 110 110 110	1.063 1.127 1.159 1.312	.813 .877 .908 1080 ho (materia	563 657 704 Prebg3cprtifie	779 888 941 d 112ati the	1000' 1000' 1000' (etQQQnei	NRC 40.24 NRC 40.24 NRC 42.26 NRC 42.28
	of Strands 7 7 19 19 19 19 19 19 19 37 37 37 37 37 37 37 37 61 61 61 61	of Strands         Thickness (mils)           7         60           7         60           7         60           7         60           19         80           19         80           19         80           19         80           19         80           19         80           37         95           37         95           37         95           37         95           37         95           37         95           61         110           61         110           61         110	Number of StrandsInsulation Thickness (mils)THW Diameter (inches)76028976033376033819804591980496198053619805831980583198058337957333795830379587337958733795873379587337958733795952611101063611101127611101159	Number of Strands         Insulation Thickness (mils)         THW Diameter (inches)         Conductor Diameter (inches)           7         60         289         169           7         60         333         213           7         60         388         268           19         80         459         299           19         80         496         336           19         80         536         376           19         80         583         423           19         80         583         423           19         80         583         423           19         80         583         423           19         80         583         520           37         95         783         570           37         95         830         616           37         95         873         659           37         95         952         736           61         110         1.063         813           61         110         1.127         877           61         110         1.312         1069	Number of Strands         Insulation Thickness (mils)         THW Diameter (inches)         Conductor Diameter (inches)         Weight (lbs STABILOY           7         60         289         169         25           7         60         333         213         39           7         60         388         268         62           19         80         459         299         79           19         80         496         336         99           19         80         536         376         125           19         80         583         423         157           19         80         583         423         157           19         80         583         423         157           19         80         583         423         157           19         80         635         475         199           37         95         783         570         282           37         95         873         659         376           37         95         952         736         469           61         110         1063         813         563	Number of Strands         Insulation Thickness (mils)         THW Diameter (inches)         Conductor Diameter (inches)         Weight (lbs/1000 )           7         60         289         169         25         51           7         60         333         213         39         71           7         60         388         268         62         101           19         80         459         299         79         137           19         80         496         336         99         164           19         80         583         423         157         236           19         80         583         423         157         236           19         80         583         423         157         236           19         80         583         423         157         236           19         80         583         423         157         236           37         95         733         520         235         360           37         95         873         659         376         528           37         95         873         659         376	Number of Strands         Insulation Thickness (mils)         THW Diameter (inches)         Conductor Diameter (inches)         Weight (lbs/1000')         P           7         60         289         169         25         51         1000'           7         60         333         213         39         71         1000'           7         60         388         268         62         101         1000'           19         80         459         299         79         137         1000'           19         80         496         336         99         164         1000'           19         80         583         423         157         236         1000'           19         80         583         423         157         236         1000'           19         80         635         475         199         286         1000'           37         95         783         570         282         417         1000'           37         95         873         659         376         528         1000'           37         95         873         659         376         528         1000'

#### NOTES:

Colored insulation is available upon special inquiry

Colored insulation is available upon special inquiry Two, three or four conductors can be paralleled on a reel Contract Number NS2470 <u>81-C-1166</u>, is in Standard lengths are subject to normal manufacturing tolerances of a 10% ith the Contract drawings and Data are approximate and subject to normal manufacturing tolerances with the Contract drawings and STABILOY' is a registered trademark of Alcan Aluminum Corporation and a contract for the installed in the allocat-

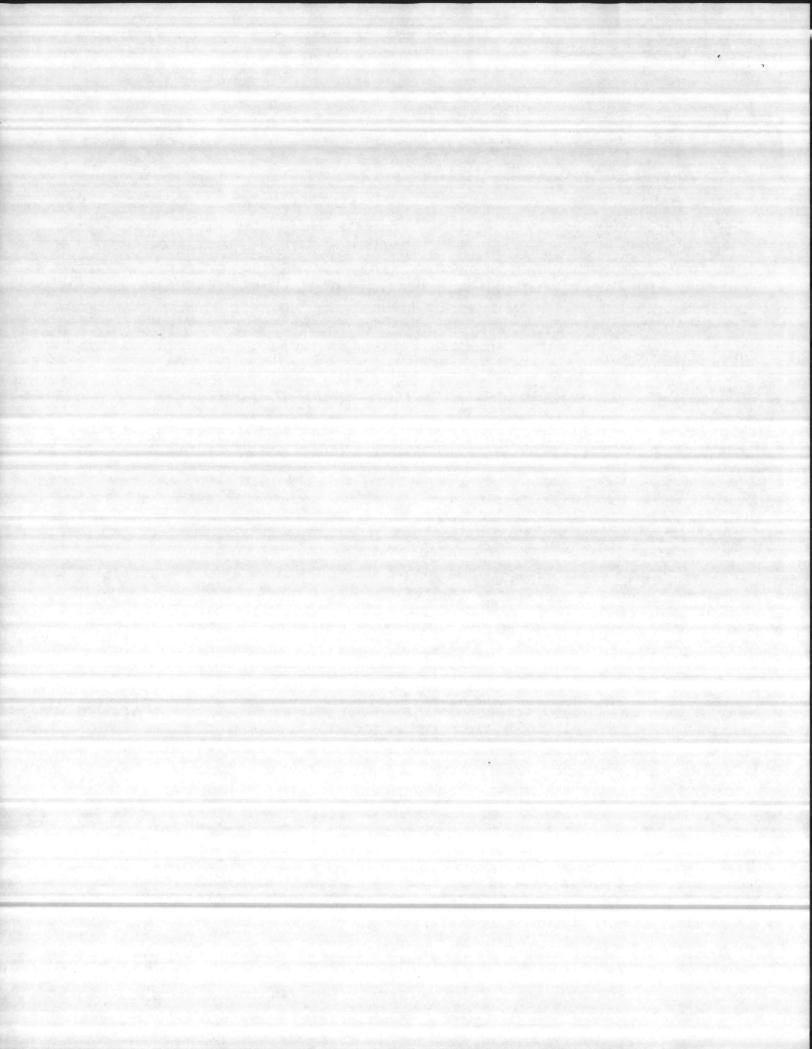
ed spaces, and is submitted Government

2-9-84

tal is that proposed to be incorporated into

approvol.

Cortified by PS



#### RÉASONS FOR PROPOSED DEVIATION

- 1. Proposed deviation--use wire manufactured Dec. 82 which was more than 6 months old when delievered to job. (Ref. 16301-2.1.3.1)
- 3. Deviation will be at no charge in cost or time.

