Attachment (Questions Nos. 13 and 14)

WBNP SUPPLEMENTAL DATA

81 WORST CASE CONDUITS

CONDUIT NUMBER	SIZE (NOM.)	CABLE NUMBER	CABLE MARK NO.	TYPE INSULATION	TYPE JACKET	WIRE SIZE	NO. CONDUCTORS	DATE PULLED
2PM7400B	3"	2RM393B	WVA	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	03-02-85
2PM7401A	3"	RM57A	WWK	Tefzel 280	Tefzel 280	#27	1-8C	05-23-80
		2PL1064A	WVB	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-3C	08-06-82
		2PL1065A	WVA	Cross-Lined Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	08-06-82
		2PM2236A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	05-13-80
		2PM2285A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	10-24-84
		2PM3721A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	04-29-82
		2PM3723A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	06-20-85
		2PM3780A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	04-29-82
		2PM3811A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	06-16-80

DNE1 - 1404Q
NEB 09/15/86

Attachment (Questions Nos. 13 and 14)

WBNP SUPPLEMENTAL DATA

81 WORST CASE CONDUITS

CONDUIT NUMBER	SIZE (NOM.)	CABLE NUMBER	CABLE MARK NO.	TYPE INSULATION	TYPE JACKET	WIRE SIZE	NO. CONDUCTORS	DATE PULLED
2PM7401A (cont'd)	3"	2PM3990A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	*
		2PM4420A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	03-01-85
		2PM4430A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	03-01-85
		2PM4468A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Poly-ethylene	#16	1-2C	02-24-85
		2PM4478A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Poly-ethylene	#16	1-2C	02-24-85
		2PM4476A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Poly-ethylene	#16	1-2C	12-26-84
		2PM4491A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Poly-ethylene	#16	1-2C	12-26-84
		2PM4493A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Poly-ethylene	#16	1-2C	07-15-85
		2PM4506A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Poly-ethylene	#16	1-2C	12-26-84
		2PM4508A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Poly-ethylene	#16	1-2C	07-15-85

Attachment (Questions Nos. 13 and 14)

WBNP SUPPLEMENTAL DATA

81 WORST CASE CONDUITS

CONDUIT NUMBER	SIZE (NOM.)	CABLE NUMBER	CABLE MARK NO.	TYPE INSULATION	TYPE JACKET	WIRE SIZE	NO. CONDUCTORS	DATE PULLED
2PM7401A (cont'd)	3"	2PM5051A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	02-23-85
		2RM385A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	03-01-85
		2RM387A	WWK	Tefzel 280	Tefzel 280	#27	1-8C	03-01-85
		2RM397A	WVA	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	03-01-85
		2RM399A	WWK	Tefzel 280	Tefzel 280	#27	1-8C	Not Pulled
		2RM440A	WTK	Cross-Linked Polyethylene	Hypalon or Cross-Linked Polyethylene	#22	1-1C	02-26-85
		2RM442A	WTK	Cross-Linked Polyethylene	Hypalon or Cross-Linked Polyethylene	#22	1-1C	02-26-85
		2RM444A	WTK	Cross-Linked Polyethylene	Hypalon or Cross-Linked Polyethylene	#22	1-1C	02-26-85
		2RM446A	WTK	Cross-Linked Polyethylene	Hypalon or Cross-Linked Polyethylene	#22	1-1C	02-26-85
2PM7869D	1"	2PM605D	WVA	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	04-10-85

DNEI - 1404Q
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Attachment (Questions Nos. 13 and 14)

WBNP SUPPLEMENTAL DATA

81 WORST CASE CONDUITS

CONDUIT NUMBER	SIZE (NOM.)	CABLE NUMBER	CABLE MARK NO.	TYPE INSULATION	TYPE JACKET	WIRE SIZE	NO. CONDUCTORS	DATE PULLED
2PM7872F	1"	2PM625F	WVA	Cross-Linked Polyethylene	Chlorosulfonated Polyethylene	#16	1-2C	05-01 85
2PP2183A	4"	2PP625A	WNB-1	Ethylene-Propylene Rubber or Nonchlorinated Mineral	Chlorosulfonated or Chlorinated Polyethylene	2/0	3-1C	10-17-79
2PP2190B	4"	2PP612B	WNB	Cross-Linked Polyethylene	Polyvinyl-Chloride	2/0	3-1C	10-11-79
2PP2191A	4"	2PP600A	WNB	Cross-Linked Polyethylene	Polyvinyl-Chloride	2/0	3-1C	"
2PP2291A	4"	2PP750A	WNB	Cross-Linked Polyethylene	Polyvinyl-Chloride	2/0	3-1C	"
2PP2292A	4"	2PP759A	WNB	Cross-Linked Polyethylene	Polyvinyl-Chloride	2/0	3-1C	"
2PP2296B	4"	2PP765B	WNB	Cross-Linked Polyethylene	Polyvinyl-Chloride	2/0	3-1C	"

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Attachment (Questions Nos. 13 and 14)

WBNP SUPPLEMENTAL DATA

81 WORST CASE CONDUITS

CONDUIT NUMBER	SIZE (NOM.)	CABLE NUMBER	CABLE MARK NO.	TYPE INSULATION	TYPE JACKET	WIRE SIZE	NO. CONDUCTORS	DATE PULLED
2PP2297B	4"	2PP762B	WNB	Cross-Linked Polyethylene	Polyvinyl-Chloride	2/0	3-1C	*
2PP2656A	4"	2PP756A	WNB	Cross-Linked Polyethylene	Polyvinyl-Chloride	2/0	3-1C	*
2PS704E	1 1/2"	2PS305E	WHB-1	Cross-Linked Polyethylene or Ethylene-Propylene Rubber	Chlorosulfonated or Chlorinated Poly-ethylene	#14	1-2C	10-11-82
		2PS302E	WHB-1	Cross-Linked Polyethylene or Ethylene-Propylene Rubber	Chlorosulfonated or Chlorinated Poly-ethylene	#14	1-2C	10-11-82
		2PS303E	WHB-1	Cross-Linked Polyethylene or Ethylene-Propylene Rubber	Chlorosulfonated or Chlorinated Poly-ethylene	#14	1-2C	10-11-82
		2PS304E	WHB-1	Cross-Linked Polyethylene or Ethylene-Propylene Rubber	Chlorosulfonated or Chlorinated Poly-ethylene	#14	1-2C	10-20-82

Attachment (Questions Nos. 13 and 14)

WBNP SUPPLEMENTAL DATA

81 WORST CASE CONDUITS

CONDUIT NUMBER	SIZE (NOM.)	CABLE NUMBER	CABLE MARK NO.	TYPE INSULATION	TYPE JACKET	WIRE SIZE	NO. CONDUCTORS	DATE PULLED
2PV825E	2"	2PV125E	WLN	Cross-Linked Polyethylene	Polyvinyl-Chloride	#10	1-2C	*
		2PV128E	WLN	Cross-Linked Polyethylene	Polyvinyl-Chloride	#10	1-2C	*
		2PV135E	WDE-1	Cross-Linked Polyethylene or Ethylene-Porpylene Rubber	Chlorosulfonated or Chlorinated Polyethylene	#6	2-1C	*
2RM438A		2RM441A	WTK	Cross-Linked Polyethylene	Hypalon or Cross-Linked Polyethylene	#22	1-1C	Not Pulled
		2RM443A	WTK	Cross-Linked Polyethylene	Hypalon or Cross-linked Polyethylene	#22	1-1C	Not Pulled
2VC1259B	1 1/2"	2V2153B	WPA	Silicone Rubber	Asbestos or Arimid Fiber Braid	#14	10-1C	08-08-80
2VC2035B	2"	2V1436B	WGE	Polyethylene	Polyvinyl-Chloride	#12	1-5C	06-21-79
		2V1597B	WGC-1	Cross-Linked Polyethylene or Ethylene-Propylene Rubber	Chlorosulfonated or Chlorinated Polyethylene	#12	1-3C	06-21-79

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NEB 09/15/86

Attachment (Questions Nos. 13 and 14)

WBNP SUPPLEMENTAL DATA

81 WORST CASE CONDUITS

CONDUIT NUMBER	SIZE (NOM.)	CABLE NUMBER	CABLE MARK NO.	TYPE INSULATION	TYPE JACKET	WIRE SIZE	NO. CONDUCTORS	DATE PULLED
2VC2069B	1 1/2"	2V9100B	WGB-1	Cross-Linked Polyethylene or Ethylene-Propylene Rubber	Chlorosulfonated or Chlorinated Polyethylene	#12	1-2C	03-26-80
		2V9102B	WGD	Polyethylene	Polyvinyl Chloride	#12	1-4C	11-17-80
		2V9113B	WGK-1	Cross-Linked Polyethylene or Ethylene-Propylene Rubber	Chlorosulfonated or Chlorinated Polyethylene	#12	1-12C	02-18-85
2VC2577A	1 1/2"	2V9943A	WPA	Silicone Rubber	Asbestos or Arimid Fiber Braid	#14	4-1C	05-30-85
		2V9953A	WPA	Silcone Rubber	Asbestos or Arimid Fiber Braid	#14	4-1C	05-30-85

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NEB 09/15/86

ITEM 15

For the 82* worst-case conduits supply:

a. the pull cards
b. the work orders associated with each pull
c. the isometric drawing of the conduit system
d. the results of the sidewall bearing pressure calculations. If available, please provide the tensions calculated for the pull.

RESPONSE

The pull cards, representative samples of work orders, isometric drawings, and the sidewall bearing pressure calculations are attached.

*One of the initial 82 worst case conduits has been determined to be nonsafety related; therefore, only 81 conduits are addressed in the information. Also note that pull cards are not provided for those cables listed as "not pulled" in the attachment for items 13 and 14.

CONDUIT 0-4B-292-1090-G

0-4B-236-71-G 77A

0-4B-236-71-G 54
REV: RO CONDS 3-1C SIZE 300
FROM: 0-BAT-236-4/-G 300
TO: 0-BD-236-4/1-G
FOR: SUPPLY

INSTALLATION CABLE
TYP WON LGTH 00040
LOC A11P 772 CONN 45N703-4
LOC A12P 757 CONN
SCHM

CND: 0B1090C

TRY:

FEB 1982

PULL

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 2400 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☒ NO

POWER ASSIST PULL REQ'D. ☐ YES ☒ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: Lynn H. Franks DATE: 12/31/77

CABLE PULL DATA
START FT MK 06328 STOP FT MK 06212
REEL WB 1787 INST LENGTH 116'
FOREMAN W. A. Roell
ENGINEER Eddie R. Roberson

INFORMATION ONLY

CONDUIT 0-3MC-290-409-A

1-3M-3-771-A ~~54~~77A INSTALLATION CABLE
REV: RO CONDS 1-2C SIZE 14 TYP WHB-1 LGTH 00163
FROM 1-PNL-275-R74/-A LOC C3P 708 CONN 45N1689
TO: 1-PNL-99-R48/-A LOC C6P 708 CONN 45N1676
FOR: AUX RLY NV 3A

CND: ~~0MC204A~~ 0MC409A, 1VC1693A

TRY: 69, 53, 54, 70, 21, 20, 2, 1

JP 10-1-79 OK to pull

QC&R
FEB 10 1985

PULL

FCR # 2027

INFORMATION ONLY

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 65 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☑ NO

POWER ASSIST PULL REQ'D. ☐ YES ☑ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- NA

DATA BY: M. Gallaher DATE: 8/31/79

CABLE PULL DATA
START FT MK 02424 STOP FT MK 0226
REEL W139481 INST LENGTH 198'
FOREMAN Doug E. Meyer
ENGINEER [illegible]

10-1-79

1-3M-3-771-A ~~54~~ 77A INSTALLATION CABLE
REV: R1 CONDS 1-2C SIZE 14 TYP NH6-1 LGTH 00163
FROM 1-PNL-275-R74/-A LOC C3P 708 CONN 45N1689
TO: 1-PNL-99-R48/-A LOC C6P 708 CONN 45N1676
FOR: AUX RLY NV 3A

CND: OMC409A,1VC1093A

TRY: 69,53,54,70,21,20,2,1

PULL

CCER
MAR 26 1982

INFORMATION ONLY

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION _____ LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☐ NO

POWER ASSIST PULL REQ'D. ☐ YES ☐ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- _____

DATA BY: _____ DATE: _____

CABLE PULL DATA
START FT MK _____ STOP FT MK _____
REEL _____ INST LENGTH _____
FOREMAN _____
ENGINEER _____

1-3PL-31-3604-A 5477A INSTALLATION CABLE
REV: R0 CONDS 1-5C SIZE 14 TYP WHE LGTH 00110
FROM 1-PNL-278-M9/2 LOC C4P 755 CONN
TO: 1-PNL-275-R74/-A LOC C3P 708 CONN
FOR: SHDN BD RM A PREZ FAN A-A CONI SCHM

CND: 0Z27A,0MC409A

TRY: 68,69

PULL

QC&R
DEC 28 1981

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 164 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☒ NO

POWER ASSIST PULL REQ'D. ☐ YES ☒ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: [illegible] DATE: 12/7/77

12692
12580
112

CABLE PULL DATA
START FT MK 12692 STOP FT MK 12580
REEL WB 4646 INST LENGTH 112
FOREMAN [illegible]
ENGINEER [illegible]

INFORMATION ONLY

1-3PL-31-3605-A 54 77A INSTALLATION CABLE
REV: RO CONDS 1-2C SIZE 14 TYP WHB-1 LGTH 00163
FROM 1-PNL-275-R74/-A LOC C3P 708 CONN 45N1676
TO: 1-PNL-99-R48/-A LOC C6P 708 CONN
FOR: SHDN BD RM A PREZ FAN A-A CONT SCHM

CND: OMC409A,1PLC1522A

TRY: 69,53,54,71,22,6,5

PULL

QC&R
DEC 29 1981

INFORMATION ONLY

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 65 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☒ NO

POWER ASSIST PULL REQ'D. ☐ YES ☒ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: Lynn G. Franks DATE: 11/9/77

CABLE PULL DATA
START FT MK 0622 STOP FT MK 0846
REEL WB 7443 INSTALLED LGTH 220 -224
FOREMAN [signature]
ENGINEER [signature]

1-3PL-31-3606-A 54 77A INSTALLATION CABLE
REV: RO CONDS 1-2C SIZE 14 TYP WHB-1 LGTH 00223
FROM 1-PNL-275-R74/-A LOC C3P 708 CONN
TO: 2-PNL-99-R48/-A LOC C8P 708 CONN
FOR: SHDN BD RM A PREZ FAN A-A CONT SCHM

CND: OMC409A,2PLC232A

TRY: 69,53,54,55,56,57,58,59,60,72,25,8,7

PULL

QC&R
DEC 29 1981
ow

INFORMATION ONLY

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 65 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☒ NO

POWER ASSIST PULL REQ'D. ☐ YES ☒ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: Lynne G. Franks DATE: 11/9/77

CABLE PULL DATA
START FT MK 00394 STOP FT MK 00150
REEL WB 7443 INST. LENGTH 244
FOREMAN [illegible]
ENGINEER [illegible]

1-3PL-31-4023-A 54 77A INSTALLATION CABLE
REV: R0 CONDS 1-3C SIZE 14 TYP WHC LGTH 00110
FROM 1-PNL-278-M9/2 LOC C4P 755 CONN
TO: 1-PNL-275-R74/-A LOC C3P 708 CONN
FOR: CONT RM AHU A-A CONT SCHM

CND: 0Z27A,0MC409A

TRY: 68,69

QC&A
DEC 29 1981
DW

PULL

INFORMATION ONLY

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 98 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☑ NO

POWER ASSIST PULL REQ'D. ☐ YES ☑ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: Peggy Wilson DATE: 5-4-78

CABLE PULL DATA
START FT MK 56566 STOP FT MK 56436
REEL W31997 INST LENGTH 130
FOREMAN Doug Mancuso
ENGINEER Jerry Deakins

1-3PL-31-4503-A

1-3PL-31-4503-A 5477A INSTALLATION CABLE
REV: R0 CONDS 1-3C SIZE 14. TYP WHC LGTH 00110
FROM: 1-PNL-278-M9/2 LOC C4P 755 CONN
TO: 1-PNL-275-R74/-A LOC C3P 7[illegible] CONN
FOR: ELEC BD RM AHU A-A CONT SCHM

CND: 0Z27A,0MC409A

TRY: 68,69

PULL

QC&R
DEC 29 1981
AW

INFORMATION

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 98 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☑ NO

POWER ASSIST PULL REQ'D. ☐ YES ☑ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: Peggy Wilson DATE: 5-4-78

CABLE PULL DATA
START FT MK 56476 STOP FT MK 56306
REEL WB 1987 INST LENGTH 120
FOREMAN Doug Mangum
ENGINEER Jerry Dickins

1-3PP-3-636-A 77A INSTALLATION CABLE
REV: 00 CONDS 1-2C SIZE 12 TYP WGB LGTH 00163
FROM 1-PNL-99-248/-A LOC C6P 708 CONN 45N16[illegible]5
TO: 1-PNL-275-R74/-A LOC C3P 708 CONN 45N16[illegible]4
FOR: AUX FEEDWTR PMP A-A CONT SCHM

CND: 1VC1693A,OMC409A

TRY: 1,2,20,21,70,54,53,69

QC&R
MAR 16 1982
PULL

QC&R
OCT 26 1977

INFORMATION ONLY

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 105 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☒ NO

POWER ASSIST PULL REQ'D. ☐ YES ☒ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: G. McNair DATE: 9-15-77

CABLE PULL DATA 27590
START FT MK ~~[illegible]~~ STOP FT MK 27390
REEL ~~[illegible]~~ INST. LENGTH ~~[illegible]~~ 200'
FOREMAN [illegible]
ENGINEER [illegible]

1-3SG-3-101-A 77A INSTALLATION CABLE ACTY 3B
REV: R1 CONDS 1-2C SIZE 14 TYP WHB-1 LGTH 00431
FROM 1-PNL-275-R74/-A LOC C3P 708 CONN 45N168 4
TO: 1-JB-290-1454/-A LOC C2Q 729 CONN 45W163 3
FOR: FW FL CONT VLV ISOL CONT NV 3A
ECN: 1375

CND: OMC409A,1SG820A,1SG798A

TRY: 69,53,54,55,2191,2192,2151,2150,2149,2148,2147,2146,21

QC&R
MAR 16 1982

INFORMATION ONLY

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 65 LBS.

ROPE PULL DEVICE SIZE ☐ YES ☑ NO

POWER ASSIST PULL REQ'D. ☐ YES ☑ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: D. Ray DATE: 11-5-80

CABLE PULL DATA
START FT MK 09064 STOP FT MK 08544
REEL WB-9406 INST LENGTH 520'
FOREMAN Gary E. [illegible]
ENGINEER [illegible] W Crofton

1-3SG-3-109-A
REV: R1 CONDS 1-2C SIZE 14
FROM 1-PNL-275-R74/-A
TO: 1-JB-290-1654/-A
FOR: FW FL CONT VLV ISOL CONT
ECN: 1375

54 77A INSTALLATION: CABLE ACTY
TYP WHB-1 LGTH 00431
LOC C3P 708 CONN 45N16G
LOC C2J 729 CONN 45N163
NV 3A

CND: OMC409A,1SG82CA,1SG79EA

TRY: 69,53,54,55,2191,2192,2151,2150,2149,2148,2147,2146,21

QCL.1
MAR 16 1982

INFORMATION ONLY

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 65 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☑ NO

POWER ASSIST PULL REQ'D. ☐ YES ☑ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: D. Ray DATE: 11-5-80

CABLE PULL DATA
START FT MK 08542 STOP FT MK 08022
REEL WB-9406 INST LENGTH 520'
FOREMAN Gary E. [illegible]
ENGINEER [illegible] W. [illegible]

1-3SG-3-522-A

1-3SG-3-522-A 77A INSTALLATION CABLE

REV: RO CONDS 1-2C SIZE 14 TYP [illegible] LGTH 00569

FROM 1-PNL-275-R747-A LOC [illegible] 703 CONN 45N163[illegible]

TO: 1-JB-292-1988/-A LOC [illegible]SVR729 CONN 45W163[illegible]

[illegible]: LP 1 FW FL CONT VLV ISOL CONT NV 3A

IVC - DR 2-2-82 IVC - IVC

END: 0MC409A, 0MC640A, 0MC-41A, 0MC642A, ~~0MC4898A~~, ~~0MC4896A~~, ~~0MC3[illegible]~~ A
~~0MC3065A~~
IVC

TRY: 69, 2190, 2149, 21[illegible], 2255, 2256, 2257, 2258, 2424, 2442, 2441

Reinstallation OK
PM 10/29/80

PULL

QC 2 TERM
MAR 16 1983

INFORMATION ONLY

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 65 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☑ NO

POWER ASSIST PULL REQ'D. ☐ YES ☑ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- NA

DATA BY: M. Gallaher DATE: 10-16-79

CABLE PULL DATA

START FT MK 0[illegible] STOP FT MK 0 8232

REEL WB 9415 INST LENGTH 700

FOREMAN [illegible]

ENGINEER 54 W. Crottree
11/8/79

********** BOTTOM LINE **********

1-3SG-3-522-A

1-3SG-3-522-A 5-77A INSTALLATION CABLE AC

REV: R1 CONDS 1-2C SIZE 14 TYP WIB-1 LGTH 0056

FROM 1-PNL-275-R74/-A LOC C3P 708 CONN 45N1

TO: 1-JB-292-1988/-A LOC A-NSVR729 CONN 45N1

FOR: LP 1 FW FL CONT VLV ISOL CONT NV 3A

ECN: 1375

CND: 0MC409A,0MC643A,0MC641A,0MC642A,1VC4896A,1VC4896A,1V 06

1VC3065A

TRY: 69,2190,2149, 2255,2256,2257,2250,2242,2441

PULL

MAR 16 1982

INFORMATION ONLY

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION _____ LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☐ NO

POWER ASSIST PULL REQ'D. ☐ YES ☐ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- _____

DATA BY: _____ DATE: _____

CABLE PULL DATA

START FT MK _____ STOP FT MK _____

REEL _____ INST LENGTH _____

FOREMAN _____

ENGINEER _____

1-3SG-3-522-A

WP2844

1-3SG-3-522-A 77B INSTALLATION CABLE ACTY=XXXX
R1 CONDS 1-2C SIZE 14 TYP WHB-1 LGTH 00700
FROM 1-PNL-275-R74/-A LOC C3P 708 CONN 45N1689-4
TO 1-JB-292-1988/-A LOC A-NSVR729 CONN 45W1630-3
FOR: LP 1 FW FL CONT VLV ISOL CONT NV 3A
EQ: 1375 CBL MAX.PULL 65 CBL MIN.BEND ~~0000.740~~ 0000
CPM 10-10-83 1.236

CNO: OMC409A,OMC640A,OMC641A,OMC642A,1VC4898A,1VC4896A,1VC3063A
1VC3065A

TRY: 69,2190,2149,2193,2255,2256,2257,2258,2424,2442,2441

PULL

SUPPLEMENTAL DOCUMENTATION

INFORMATION ONLY

1-3SG-3-522-A 77B

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 65 LBS.

ROPE PULL DEVICE SIZE ☐ YES ☑ NO

POWER ASSIST PULL REQ'D. ☐ YES ☑ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: M. Medley DATE: 10-10-83

CABLE PULL DATA
START FT MK N/A STOP FT MK N/A
REEL N/A INST LENGTH N/A
FOREMAN Jonnie A Lane
ENGINEER [signature] 11-16-83

1-33[illegible]-[illegible]-525-A ~~5~~ 77A INSTALLATION CABLE
REV: [illegible] CONDS 1-3C SIZE 14 TYP [illegible] LGT: 00209
FROM: 1-PUL-99-R82/-A LOC [illegible] 70[illegible] CONN
TO: 1-PUL-275-R74/-A LOC [illegible] 70[illegible] CONN
FOR: LP 1 FW FL CONT VLV ISOL CONT [illegible] 3A

CND: 1VC1692A,UMC409A

TRY: 1,2,20,21,70,54,53,52,51,63,6[illegible]

Reel W.B. 5064
START - 01848
Finish = 02090
Length 242'

PULL

MAR 1[illegible] 1982
DW

INFORMATION ONLY

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 98 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☒ NO

POWER ASSIST PULL REQ'D. ☐ YES ☒ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: D. Ray DATE: 3-30-79

CABLE PULL DATA
START FT MK 01848 STOP FT MK 02090
REEL W.B. 5064 INST LENGTH 242
FOREMAN [illegible]
ENGINEER [illegible]

[illegible] 77A [illegible]LLATION CABLE

[illegible]: [illegible]CONDS 1-3[illegible] SIZE 14 [illegible] HC LGTH 00163

[illegible]: [illegible]L-99-R52/[illegible] [illegible]6P 70[illegible] CONN

[illegible]: [illegible]L-275-R74/[illegible]A [illegible]3F 70[illegible] CONN

[illegible]: [illegible] FL CONT VLV ISOL C[illegible] DV 3A

[illegible]: 1SG601A,0[illegible]C40[illegible]A

[illegible]: 5,6,22,71,54,63,6[illegible]

PULL

QC[illegible]
MAR 16 1982

INFORMATION ONLY

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 98 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☒ NO

POWER ASSIST PULL REQ'D. ☐ YES ☒ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: D. Ray DATE: 12-28-78

CABLE PULL DATA

START FT MK _____ STOP FT MK _____

REEL _____ INST LENGTH _____

FOREMAN Gary E. [illegible]

ENGINEER [illegible]

[illegible] —77A [illegible] CABLE

[illegible] 1-[illegible] [illegible] 14 [illegible] ✓ [illegible] 00544

[illegible] 1-[illegible]-275-[illegible] [illegible] ✓ [illegible] 45[illegible]

[illegible] 1-[illegible]-2[illegible]2-1[illegible] [illegible] R72 ✓ [illegible] 45[illegible]

[illegible] LP [illegible] FL [illegible] [illegible] 3A

[illegible] [illegible] 1VC[illegible], 1VC[illegible], 1VC[illegible]

1VC30[illegible]

[illegible] [illegible], 2[illegible], 2[illegible], 2[illegible], 2[illegible], 2[illegible], 2[illegible], 2[illegible], 2424, 2442, 2441

3 Reinstallation OK

PM 10/29/80

PULL

[illegible] MAR [illegible] TERM

DW

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 65 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☑ NO

POWER ASSIST PULL REQ'D. ☐ YES ☑ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- NA

DATA BY: M. Gallaher DATE: 10-16-79

CABLE PULL DATA

START FT MK [illegible] STOP FT MK [illegible]

REEL WB 9[illegible]15 INST LENGTH 200

FOREMAN [illegible]

ENGINEER 11/8/79 W. [illegible]

INFORMATION ONLY

WP2844

1[redacted]SG-3-549-A 77B INSTALLATION CABLE ACTY=XXXX[redacted]
R[redacted] RC CONDS 1-2C SIZE 14 TYP WHB-1 LGTH 00700
F[redacted]M 1-PNL-275-R74/-A LOC CBP 708 CONN 45N1609-4
T[redacted] 1-JB-292-1988/-A LOC A-NSVR729 CONN 45W1630-3
F[redacted] LP 3 FW FL CONT VLV ISOL CONT NV 3A
E[redacted] CBL MAX.PULL 65 CBL MIN.BEND ~~0000.740~~ [redacted]

Cp 10-10-83 1.236

C[redacted]: OMC409A,OMC640A,OMC641A,OMC642A,1VC4898A,1VC4896A,1VC3063A
1VC3065A

T[redacted]: 69,2190,2149,2193,2255,2256,2257,2258,2424,2442,2441

PULL

SUPPLEMENTAL DOCUMENTATION

INFORMATION ONLY

1-356-3-549-A 77B

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 65 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☑ NO

POWER ASSIST PULL REQ'D. ☐ YES ☑ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- NA

DATA BY: C. Millayn DATE: 10-10-83

CABLE PULL DATA
START FT MK N/A STOP FT MK N/A
REEL N/A INST LENGTH N/A
FOREMAN Janice A. Layne
ENGINEER [illegible] 11-16-83

E003E16

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 65 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☒ NO

POWER ASSIST PULL REQ'D. ☐ YES ☒ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: D. Ray DATE: 7-28-82

CABLE PULL DATA

START FT MK 06260 STOP FT MK 06040

REEL WB-11403 INST LENGTH 220

FOREMAN [illegible]

ENGINEER [illegible] 7-28-82

Charles A Beers 8-10-82

INFORMATION ONLY

1-[illegible]-3-[illegible]-A
R[illegible]: RO[illegible] CONDS 1-4C SIZE 12 INSTALLATION CABLE
F[illegible]: [illegible]-278-[illegible]/1 PER E.J. BUCHANAN TYP WGD LGT: 0C147
T2: [illegible]-275-R747-A LOC C5N 7[illegible]5 CONN 45[illegible]16[illegible]4
FOR: [illegible] ST GEN [illegible] CONT VLV LOC C3P 7[illegible]8 CONN
SCHM

C[illegible]: [illegible]/11A[illegible]C409A

[illegible]: [illegible]7,53,59

QC&R FEB 21 1985

QC&R FEB 12 1985

QC&R OCT 20 1977

PULL

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 131 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☒ NO

POWER ASSIST PULL REQ'D. ☐ YES ☒ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: C. McNair DATE: 9-15-77

CABLE PULL DATA
START FT MK 0222 6 STOP FT MK 02046
REEL WB-225/ INST LENGTH 180
FOREMAN [illegible]
ENGINEER [illegible]

INFORMATION ONLY

1-3[illegible]-3-1[illegible]2-A 5477A INSTALLATION CABLE
REV: [illegible] CONDS 1-4C SIZE 1/2 TYP [illegible]WGD LGTH 00127
FRM: 1-[illegible]L-275-M5/1 PER E.J. BUCHANAN LOC C5N 7[illegible]5 CONN 45N16[illegible]4
TO: 1-[illegible]L-275-R74/-A LOC C3P 708 COMM
FOR: [illegible] AFWP ST GEN LVL CONT VLV SCHM

CAD: 0Z11A,[illegible]MC409A

TRY: 95,96,110

QC&R
OCT 20 1977
7[illegible]

PULL

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 131 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☒ NO

POWER ASSIST PULL REQ'D. ☐ YES ☒ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: [illegible] DATE: 9-15-77

CABLE PULL DATA
START FT MK 0 20 44 STOP FT MK 0 186 4
REEL U.B. 2751 INST LENGTH 186
FOREMAN [illegible]
ENGINEER [illegible]

INFORMATION ONLY

1-3V-[illegible]-A 77A INSTALLATION CABLE
REV: NO CONDS 1-5C SIZE 14 TYP WHE LGTH 00127
FROM 1-[illegible]-278-M4/A LOC C5P 755 CONN 45N16[illegible]4
TO: 1-[illegible]-275-R74/-A LOC C3P 708 CONN
FOR: [illegible] ST CEN 1 LVL CONT VLV SCHM

CMD: 0Z11A,0MC409A

TRY: 95,96,110

OK

QC&R
PULL
[illegible] 1982

QC&R
SEP 30 1977
[illegible]

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 164 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☒ NO

POWER ASSIST PULL REQ'D. ☐ YES ☒ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: C. McClair DATE: 9-15-77

CABLE PULL DATA
START FT MK 24808 STOP FT MK 24650
REEL WB-1773 INST LENGTH 158
FOREMAN [illegible]
ENGINEER [illegible]

24808
24650
58

INFORMATION ONLY

1-3V-3-1088-A
1-3V-3-1088-A 77A INSTALLATION CABLE
REV: RO CONDS 1-5C SIZE 14 TYP WHE LGTH 00127
FROM 1-PNL-278-M4/A LOC C5P 795 CONN 45N16 4
TO: 1-PNL-275-R74/-A LOC C3P 700 CONN
FOR: MDAFW ST GEN 2 LVL CONT VLV SCHM

CND: 0Z11A,0MC409A

TRY: 95,96,110

OK

PULL MAR 16 1982

QCSR SEP 30 1977

X

INFORMATION ONLY

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 164 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☒ NO

POWER ASSIST PULL REQ'D. ☐ YES ☒ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: C. McClair DATE: 9-15-77

CABLE PULL DATA
START FT MK 24968 STOP FT MK 24810
REEL WB-1723 INST LENGTH 158
FOREMAN _____
ENGINEER _____

24968
24810
158

774

1-JV-74-2789-A 54 INSTALLATION CABLE
REV: 00 CONDS 1-2C SIZE 14 TYP WHR-1 LGTH 00110
FROM 1-PNL-275-H6/A2 LOC C5Q 755 CONN
TO: 1-PNL-275-H74/-A LOC C3P 703 CONN
FOR: FCV-74-1-A CONT SCHH

CND: 0Z19A,0MC40?A

TRY: 52,69

FEB 1 1982

PULL

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 65 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☑ NO

POWER ASSIST PULL REQ'D. ☐ YES ☑ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E- N/A

DATA BY: D. Ray DATE: 5-4-78

CABLE PULL DATA
START FT MK 01994 STOP FT MK 01956
REEL [illegible] 7611 INST LENGTH 133
FOREMAN [illegible]
ENGINEER [illegible]

INFORMATION ONLY

1-3V-3-2336-A
REV: 30 CONDS 1-30 SIZE 14 ~~54~~ 77A
FROM 1-NL-276-44/A
TO: 1-NL-275-474/-A
FOR: [illegible]-3-33-A CONT

INSTALLATION CABLE
TYP [illegible] LGTH 00127
LOC C5P 755 CONN
LOC C9H 706 CONN
NV 3A

GND: DZ11A,[illegible]C409A

TRY: 52,53,60

PULL

MAR 16 1982

WBNP-QCP-3.5

CABLE PULL INSTRUCTIONS

MAXIMUM ALLOWABLE PULL TENSION 98 LBS.

ROPE PULL DEVICE SIZE _____ ☐ YES ☑ NO

POWER ASSIST PULL REQ'D. ☐ YES ☑ NO

SPECIAL PULL INSTRUCTIONS: WBFI-E N/A

DATA BY: M. Gallaher DATE: 10-17-78

CABLE PU[illegible]
START FT MK 1070 STOP FT MK 50940
REFL 1[illegible] INST LENGTH 130
FOREMAN Doug E. [illegible]
ENGINEER [illegible]

INFORMATION ONLY