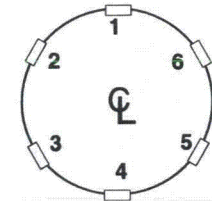|	
From:	Souther, Martin [martin.souther@pgnmail.com]
Sent:	Tuesday, November 24, 2009 8:06 AM
To:	Lake, Louis
Cc:	Fagan, Paul; Miller, Garry
Subject:	2009 Nov 23 - Containment Unfolded Graphics_IR Mosaic.pptx
Attachments:	2009 Nov 23 - Containment Unfolded Graphics_IR Mosaic.pptx

By Pages

The attached file reflects the adjoining building IR scans that are now complete. The IR scan data files were used to graphically represent the areas scanned.

Martin E. Souther
CR3 Containment Root Cause Team
240-1009
352-795-6486, ext. 1009

P/190

Containment "Unfolded" – Buttress 2 to 5
Updated Nov 23rd (Mosaic IR Overlay scale is approximate)

Buttress #2 **Buttress #3** **Buttress #4** **Buttress #5**

IR scans completed
per PT-407T:
Blue = no delamination

Actual IR scan output
data:
Blue = no delamination
Yellow= transition
Red = delaminated

**Drawing scale
is not exact**

Buttress #2 grid:
A	B	C
D	E	F
G	H	I
J	K	L
M	N	O
P	Q	R
S	T	U
V	W	X
Y	Z	AA
AB	AC	AD
		AE
		AF
		AG

Intermediate Bldg Roof EL 149' 0"

8' x 8'   6' x 12'

22' x 24'

— EL 119'

10' x 60' @ EL 93'

Buttress #3:
| A | B | C |

SGR OPENING

Equipment Hatch

13' x 42' @ EL 93'   10' x 16

Buttress #4 grid:
A	B	C
D	E	F
G	H	I
J	K	L
M	N	O
P	Q	R
S	T	U
V	W	X
Y		
Z		
AA		
AB		
AC		

Aux Bldg Roof EL 167' 8"
6' x 36' @ EL 164"

14' x 8'

8' x18'

EL 143"

Buttress #5 / Pours:
Pour 16	EL 250'
Pour 15	EL 240'
	EL 230'
Pour 14	EL 220'
Pour 13	EL 210'
Pour 12	EL 200'
Pour 11	EL 190'
Pour 10	EL 180'
Pour 9	EL 170'
Pour 8	EL 160'
Pour 7	EL 150'
Pour 6	EL 140'
Pour 5	EL 130'
Pour 4	EL 120'
Pour 3	EL 110'
Pour 2	EL 100'
Pour 1	EL 90'

Orientation diagram (top right):
1, 2, 6, 3, 5, 4 — CL

1

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Containment "Unfolded" – Buttress 5 to 2
Updated Nov 23rd 2009

Buttress #5   Buttress #6   Buttress #1   Buttress #2
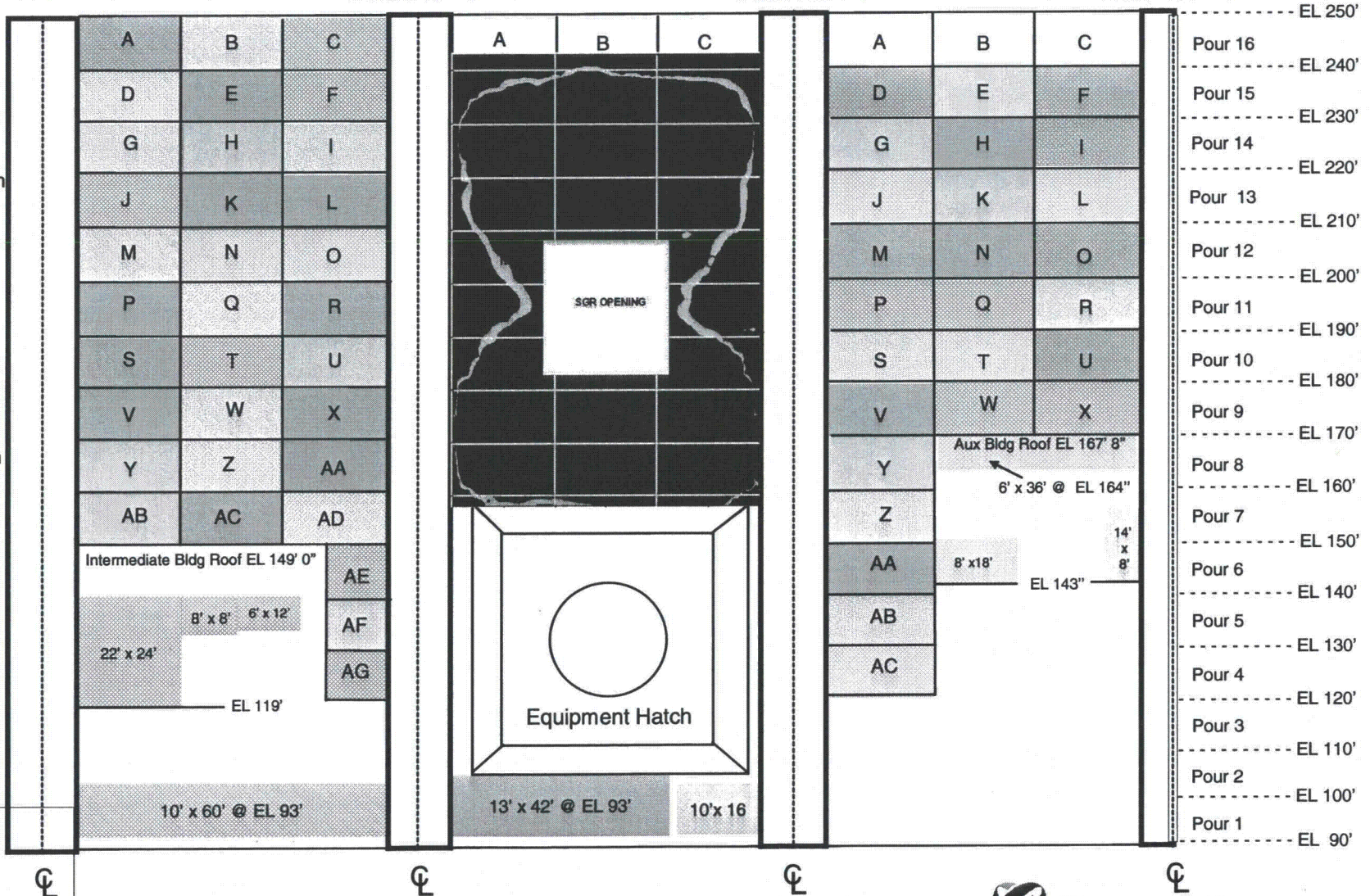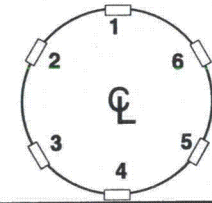
IR scans completed
per PT 407T:
Blue = no delamination

Actual IR scan output
data:
Blue = no delamination
Yellow= transition
Red = delaminated

**Drawing scale
is not exact**

Fuel Transfer Bldg Roof @ EL 200' 4"

16'
x
8'

EL 182'

14' x 34'

38'
x
12'

8'
x 8'

4' x 8'   EL 160'

7' x 10'   4' x 26'

10' x60'

EL 143'

20'
x
9'

EL 119'

12'
x 9'

11' x
7'

EL 95'

Intermediate Bldg Roof
EL 149' 0"

12' x12'

EL 95'

Intermediate Bldg Roof
EL 149' 0"

20' x12'

EL 119'

	Buttress #6			Buttress #1		
B	C	A	B	C	A	B	C

Pour 16 — EL 250' / EL 240'
Pour 15 — EL 230'
Pour 14 — EL 220'
Pour 13 — EL 210'
Pour 12 — EL 200'
Pour 11 — EL 190'
Pour 10 — EL 180'
Pour 9 — EL 170'
Pour 8 — EL 160'
Pour 7 — EL 150'
Pour 6 — EL 140'
Pour 5 — EL 130'
Pour 4 — EL 120'
Pour 3 — EL 110'
Pour 2 — EL 100'
Pour 1 — EL 90'

Grid labels (Buttress #6, #1, #2 columns):
B C / A B C
D E F / D E F
G H I / G H I
J K L / J K L
M N O / M N O
P Q R / P Q R
S T U / S T U
V W X / V W X
Y Z AA / Y Z AA
AB AC AD / AB AC AD

(Buttress #5 column): P Q R

C_L C_L C_L C_L

2

Final locations of IR scans inside the buildings and associated scanning
dimensions were reconciled with actual data sheets on Nov 23rd 2009

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