



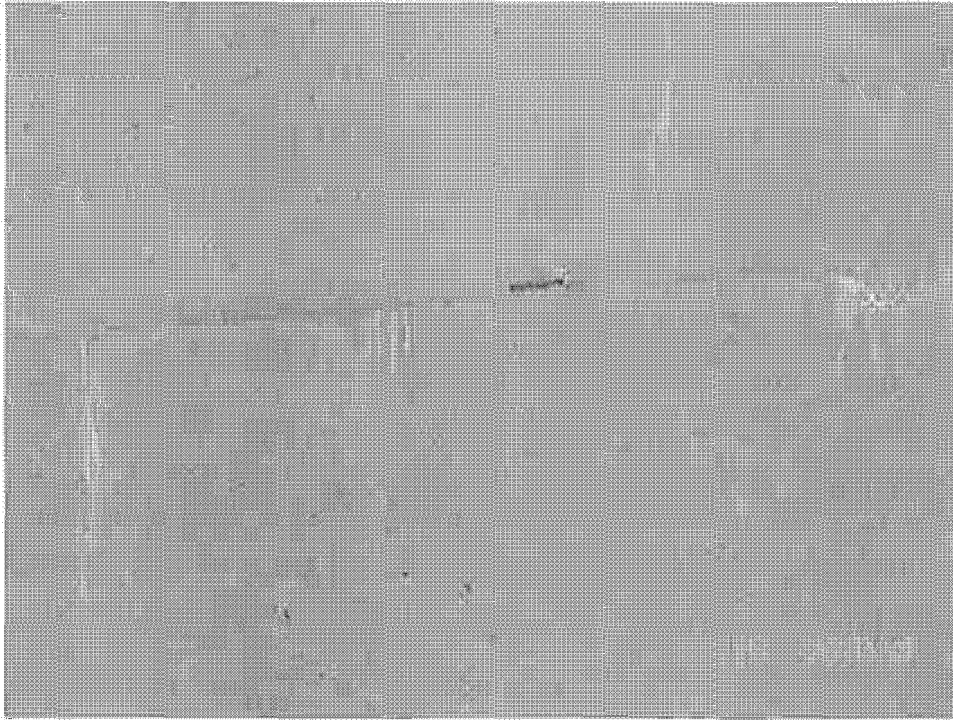
**IPEC**

IP-RPT-09-00069

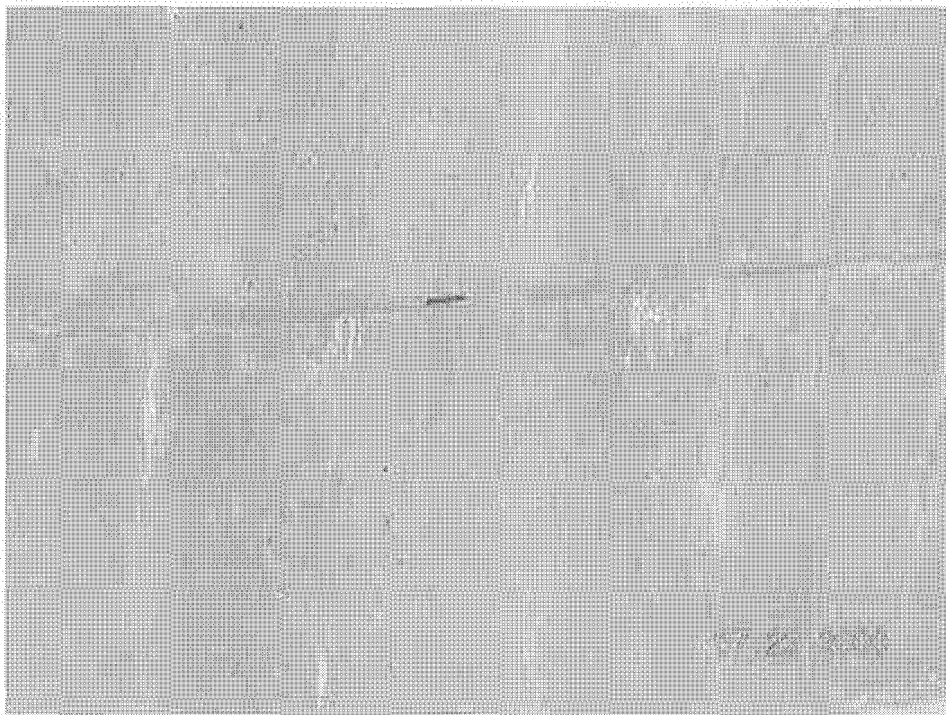
REV. 0

Page 81 of 192

IP3 ASME Section XI, IWL Concrete Containment Inspection for 2009



**2001 Inspection Photo**



**IWL-108-003**


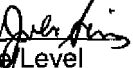
**U3-037226**

**CONTAINMENT INSERVICE INSPECTION RECORD OF VT-3/GENERAL VISUAL EXAMINATION**

**Plant:** IPEC – Unit 3    **Interval Period:** 1<sup>st</sup>/3<sup>rd</sup> Inspection    **Inspection Report No.:** IP3-09-IWL-001  
**Component No:** VCC-22    **Zone No:** 004    **Drawing No.:** ISI-IWL-001  
**Description:** El. 108' – El. 128'    **Work Order No:** 138856  
**Equipment Used:** Celestron Giant 20x80 Binoculars    **Limitations:** Accessible areas only

Recording Condition	RI	NRI	NI	N/A	Comments
Leaching or chemical attack	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Abrasion or erosion degradation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pop outs and voids	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Scaling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Spalls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Corrosion staining on concrete surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Exposed reinforcing steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Deteriorating of concrete coating, if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Excessive corrosion of the exposed embedded metal surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Detached embedment or loose bolts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other (bugholes)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1

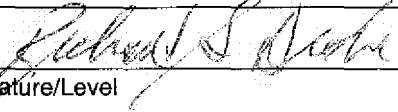
(Note: Sketches or pictures may be attached to clarify inspection areas and locations.)

**Examined By:** P. Bowe /  / Level    **Date:** 12/16/09    **Examined By:** J. Skonieczny /  / Level    **Date:** 12-16-09

**Responsible Engineer Review:**

**Acceptable:**    Yes     No  (Detailed VT-1 Examination Required Attachment 7.3)

**Comments:** VANTAGE POINT # 4, 6 FROM FIG. 1 ON PG. 20

**RE Signature:** R. Drake /  / Level    **Date:** 1-7-10

**Site Level III Review:** N/A    **Date:** \_\_\_\_\_  
 Print/Signature/Level

**ANII Review:**  / ASBCT    **Date:** 4/15/10  
 Print/Signature



**CONTAINMENT INSERVICE INSPECTION RECORD OF VT-3/GENERAL VISUAL EXAMINATION**

Plant: IPEC – Unit 3 Interval Period: 1<sup>st</sup>/3<sup>rd</sup> Inspection Inspection Report No.: IP3-09-IWL-001  
 Component No: VCC-23 Zone No: 005 Drawing No.: ISI-IWL-001  
 Description: El. 108' – El. 128' Work Order No: 138856  
 Equipment Used: Celestron Giant 20x80 Binoculars Limitations: Accessible areas only

Recording Condition	RI	NRI	NI	N/A	Comments
Leaching or chemical attack	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Abrasion or erosion degradation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pop outs and voids	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Scaling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Spalls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Corrosion staining on concrete surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Exposed reinforcing steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Deteriorating of concrete coating, if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Excessive corrosion of the exposed embedded metal surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Detached embedment or loose bolts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other (bugholes, exposed miscellaneous steel)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,3

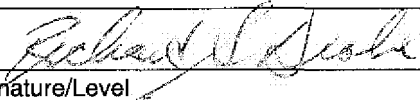
(Note: Sketches or pictures may be attached to clarify inspection areas and locations.)

Examined By: P. Bowe  Date: 12/10/09 Examined By: J. Skonieczny  Date: 12-16-09  
 Print/Signature/Level Print/Signature/Level

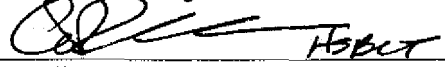
**Responsible Engineer Review:**

Acceptable: Yes  No  (Detailed VT-1 Examination Required Attachment 7.3)

Comments: VANTAGE POINT # 7 FROM FIG. 1 ON PG. 20

RE Signature: R. Drake  Date: 1-7-10  
 Print/Signature/Level

Site Level III Review: N/A Date: \_\_\_\_\_  
 Print/Signature/Level

ANII Review:  Date: 9/15/10  
 Print/Signature





**IPEC**

IP-RPT-09-00069

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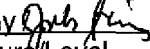
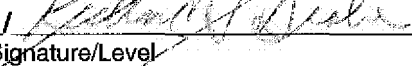
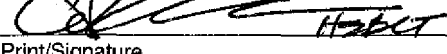
Page 86 of 192

IP3 ASME Section XI, IWL Concrete Containment Inspection for 2009

**CONTAINMENT INSERVICE INSPECTION RECORD OF VT-3/GENERAL VISUAL EXAMINATION**Plant: IPEC – Unit 3 Interval Period: 1<sup>st</sup>/3<sup>rd</sup> Inspection Inspection Report No.: IP3-09-IWL-001Component No: VCC-24 Zone No: 006 Drawing No.: ISI-IWL-001Description: El. 108' – El. 128' Work Order No: 138856Equipment Used: Celestron Giant 20x80 Binoculars Limitations: Accessible areas only

Recording Condition	RI	NRI	NI	N/A	Comments
Leaching or chemical attack	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Abrasion or erosion degradation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Pop outs and voids	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2,4
Scaling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Spalls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,5
Corrosion staining on concrete surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2,3
Cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Exposed reinforcing steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2
Deteriorating of concrete coating, if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Excessive corrosion of the exposed embedded metal surfaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3
Detached embedment or loose bolts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other (bugholes)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1

(Note: Sketches or pictures may be attached to clarify inspection areas and locations.)

Examined By: P. Bowe  Date: 12/10/09 Examined By: J. Skonieczny  Date: 12-16-09  
Print/Signature/Level Print/Signature/Level**Responsible Engineer Review:**Acceptable: Yes  No  (Detailed VT-1 Examination Required Attachment 7.3)Comments: VANTAGE POINT # 8 & 11 FROM FIG. 1 ON PG. 20RE Signature: R. Drake  Date: 1-7-10  
Print/Signature/LevelSite Level III Review: N/A Date: \_\_\_\_\_  
Print/Signature/LevelANII Review:  Date: 4/15/10  
Print/Signature

**FORM VT - 3C**  
**CONTAINMENT INSERVICE INSPECTION**  
**RECORD OF VT - 3 / GENERAL VISUAL EXAMINATION**

STATION/UNIT: IPEC / Indian Point No. 3      COMPONENT NO. : VCC - 24

ZONE No: 006

No.	Comment	Initials
1	General pattern cracking, joint cracking, scaling, bugholes, abrasion, leaching and spalling - all minor and previously identified.	PMB
2	Exposed rebar tips with rust and staining due to pop outs between El. 113 and El 123 (previously identified with no visible change). See photo U3-067283.	PMB
3	Exposed embedded pipes, approx. 1" diameter, with rust staining. This area continues to remain unchanged since 2001 inspection. Inside of pipes filled with concrete. See photo U3-067284.	PMB
4	Voids from unfilled form tie holes between El. 118 and El. 123 (previously identified). See photo U3-067202.	PMB
5	Incipient spall, less than 4" in size, between El. 123 and El. 128 (previously identified).	PMB
6	Nine locations of exposed metal embedments and rebar on the equipment hatch extension. These locations were coated in 2009 to protect against future corrosion. See Indications 4 thru 10 of Attachment 8.5 for details and before and after photos.	PMB



**IPEC**

IP-RPT-09-00069

REV. 0

Page 88 of 192

IP3 ASME Section XI, IWL Concrete Containment Inspection for 2009



U3-067202

IWL-108-006



**IPEC**

IP-RPT-09-00069

REV. 0

Page 89 of 192

IP3 ASME Section XI, IWL Concrete Containment Inspection for 2009



U3-067283

IWL-108-006



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**IPEC**

IP-RPT-09-00069

REV. 0

Page 90 of 192

IP3 ASME Section XI, IWL Concrete Containment Inspection for 2009



U3-067284

IWL-108-006



**CONTAINMENT INSERVICE INSPECTION RECORD OF VT-3/GENERAL VISUAL EXAMINATION**

Plant: IPEC - Unit 3 Interval Period: 1<sup>st</sup>/3<sup>rd</sup> Inspection Inspection Report No.: IP3-09-IWL-001  
 Component No: VCC-25 Zone No: 001 Drawing No.: ISI-IWL-001  
 Description: El. 128' - El. 148' Work Order No: 138856  
 Equipment Used: Celestron Giant 20x80 Binoculars Limitations: Accessible areas only

Recording Condition	RI	NRI	NI	N/A	Comments
Leaching or chemical attack	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Abrasion or erosion degradation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pop outs and voids	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Scaling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Spalls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,2
Corrosion staining on concrete surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Exposed reinforcing steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Deteriorating of concrete coating, if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Excessive corrosion of the exposed embedded metal surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Detached embedment or loose bolts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other (bugholes)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,3

(Note: Sketches or pictures may be attached to clarify inspection areas and locations.)

Examined By: P. Bowe / [Signature] Date: 12/16/09 Examined By: J. Skonieczny / [Signature] Date: 12-16-09  
 Print/Signature/Level Print/Signature/Level

**Responsible Engineer Review:**

Acceptable: Yes  No  (Detailed VT-1 Examination Required Attachment 7.3)

Comments: VANTAGE POINT # 9, 10, 11 FROM FIG. 1 ON PG. 20

RE Signature: R. Drake / [Signature] Date: 1-7-10  
 Print/Signature/Level

Site Level III Review: N/A Date: \_\_\_\_\_  
 Print/Signature/Level

ANII Review: [Signature] / ASBC Date: 4/15/10  
 Print/Signature



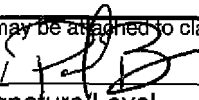
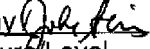


**CONTAINMENT INSERVICE INSPECTION RECORD OF VT-3/GENERAL VISUAL EXAMINATION**

Plant: IPEC - Unit 3 Interval Period: 1<sup>st</sup>/3<sup>rd</sup> Inspection Inspection Report No.: IP3-09-IWL-001  
 Component No: VCC-26 Zone No: 002 Drawing No.: ISI-IWL-001  
 Description: El. 128' - El. 148' Work Order No: 138856  
 Equipment Used: Celestron Giant 20x80 Binoculars Limitations: Accessible areas only

Recording Condition	RI	NRI	NI	N/A	Comments
Leaching or chemical attack	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Abrasion or erosion degradation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pop outs and voids	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4
Scaling	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spalls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2,3,4
Corrosion staining on concrete surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Exposed reinforcing steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7
Deteriorating of concrete coating, if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Excessive corrosion of the exposed embedded metal surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Detached embedment or loose bolts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,5,6


(Note: Sketches or pictures may be attached to clarify inspection areas and locations.)

Examined By: P. Bowe /  Date: 12/10/09 Examined By: J. Skonieczny /  Date: 12-16-09  
 Print/Signature/Level Print/Signature/Level

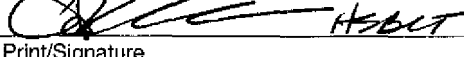
**Responsible Engineer Review:**

Acceptable: Yes  No  (Detailed VT-1 Examination Required Attachment 7.3)

Comments: VANTAGE POINT # 1, 2 FROM FIG. 1 ON PG. 20

RE Signature: R. Drake /  Date: 1-9-10  
 Print/Signature/Level

Site Level III Review: N/A Date: \_\_\_\_\_  
 Print/Signature/Level

ANII Review:  ASBCT Date: 4/15/10  
 Print/Signature



**IPEC**

IP-RPT-09-00069

REV. 0

Page 94 of 192

IP3 ASME Section XI, IWL Concrete Containment Inspection for 2009

**FORM VT – 3C**  
**CONTAINMENT INSERVICE INSPECTION**  
**RECORD OF VT – 3 /GENERAL VISUAL EXAMINATION**

STATION/UNIT: IPEC / Indian Point No. 3      COMPONENT NO. : VCC – 26

ZONE No: 002

No.	Comment	Initials
1	Numerous bugholes, leaching and vertical cracking – all minor and previously identified.	PMB
2	Joint spalling, approximately 4" long by 1/2" wide, at El. 138 (previously identified with no changes).	PMB
3	Diagonal spalls, all less than 3" long by 1/2" wide, between El. 133 and El. 138 (previously identified with no changes).	PMB
4	3" x 1" x 1/2" deep spall / pop out at El. 143. This was previously identified and remains unchanged with NO exposed metal, rusting, or leaching.	PMB
5	Reddish discoloration in both zones 2 and 3 over an area of roughly 20' x 90'.	PMB
6	Approximately 5' of rough joint with minor separation at El. 148. There is no exposed rebar, rust staining, or leaching at this location.	PMB
7	Exposed steel, approx. 1/2" diameter, with minimal rust and staining at El. 138'. The area was cleaned and prime coated. See photo U3-029094.	PMB



**IPEC**

IP-RPT-09-00069

REV. 0

Page 95 of 192

IP3 ASME Section XI, IWL Concrete Containment Inspection for 2009



U3-029094

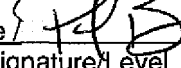
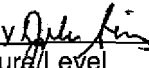
IWL-128-002

**CONTAINMENT INSERVICE INSPECTION RECORD OF VT-3/GENERAL VISUAL EXAMINATION**

**Plant:** IPEC - Unit 3    **Interval Period:** 1<sup>st</sup>/3<sup>rd</sup> Inspection    **Inspection Report No.:** IP3-09-IWL-001  
**Component No:** VCC-27    **Zone No:** 003    **Drawing No.:** ISI-IWL-001  
**Description:** El. 128' - El. 148'    **Work Order No:** 138856  
**Equipment Used:** Celestron Giant 20x80 Binoculars    **Limitations:** Accessible areas only

Recording Condition	RI	NRI	NI	N/A	Comments
Leaching or chemical attack	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Abrasion or erosion degradation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pop outs and voids	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Scaling	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spalls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,2,3,4
Corrosion staining on concrete surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3
Cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Exposed reinforcing steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3
Deteriorating of concrete coating, if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Excessive corrosion of the exposed embedded metal surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Detached embedment or loose bolts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,5

(Note: Sketches or pictures may be attached to clarify inspection areas and locations.)

**Examined By:** P. Bowe /  / Level    **Date:** 12/10/09    **Examined By:** J. Skonieczny /  / Level    **Date:** 12-16-09

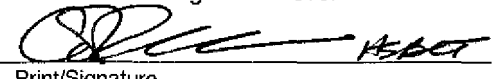
**Responsible Engineer Review:**

**Acceptable:**    Yes     No  (Detailed VT-1 Examination Required Attachment 7.3)

**Comments:** VANTAGE POINT # 2, 3 FROM FIG. 1 ON PG. 20

**RE Signature:** R. Drake /  / Level    **Date:** 1-9-10

**Site Level III Review:** N/A    **Date:** \_\_\_\_\_  
 Print/Signature/Level

**ANII Review:**  / Level    **Date:** 4/15/10  
 Print/Signature





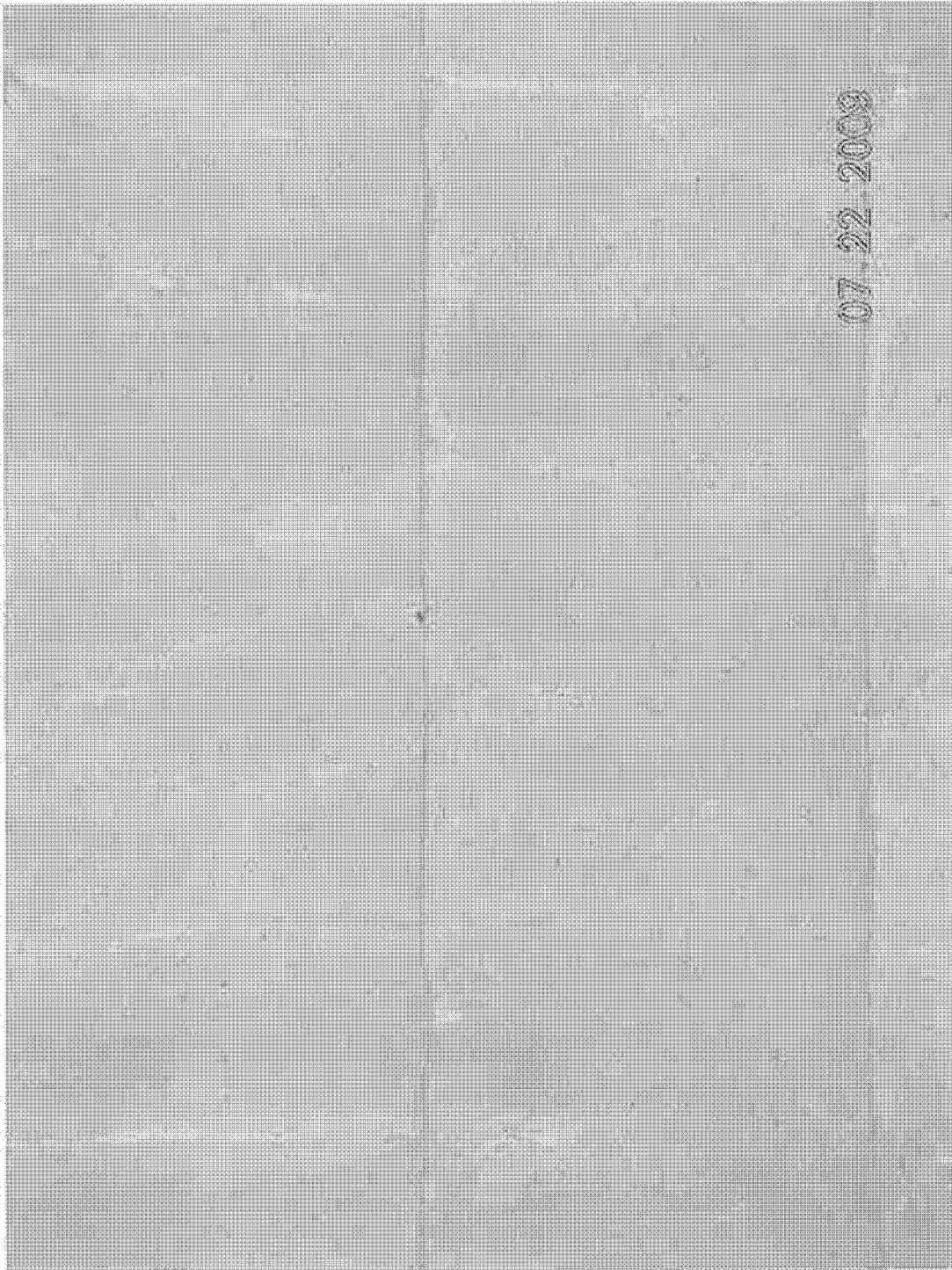
**IPEC**

IP-RPT-09-00069

REV. 0

Page 98 of 192

IP3 ASME Section XI, IWL Concrete Containment Inspection for 2009



07-22-2009

U3-037227

IWL-128-003

**CONTAINMENT INSERVICE INSPECTION RECORD OF VT-3/GENERAL VISUAL EXAMINATION**

Plant: IPEC – Unit 3 Interval Period: 1<sup>st</sup>/3<sup>rd</sup> Inspection Inspection Report No.: IP3-09-IWL-001  
 Component No: VCC-28 Zone No: 004 Drawing No.: ISI-IWL-001  
 Description: El. 128' – El. 148' Work Order No: 138856  
 Equipment Used: Celestron Giant 20x80 Binoculars Limitations: Accessible areas only

Recording Condition	RI	NRI	NI	N/A	Comments
Leaching or chemical attack	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Abrasion or erosion degradation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pop outs and voids	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Scaling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Spalls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Corrosion staining on concrete surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Exposed reinforcing steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Deteriorating of concrete coating, if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Excessive corrosion of the exposed embedded metal surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Detached embedment or loose bolts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other (bugholes, exposed aggregate)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,2

(Note: Sketches or pictures may be attached to clarify inspection areas and locations.)

Examined By: P. Bowe / [Signature] Date: 12/10/09 Examined By: J. Skonieczny / [Signature] Date: 12-16-09  
 Print/Signature/Level Print/Signature/Level

**Responsible Engineer Review:**

Acceptable: Yes  No  (Detailed VT-1 Examination Required Attachment 7.3)

Comments: VANTAGE POINT # 4 & 6 FROM FIG. 1 ON PG. 20

RE Signature: R. Drake / [Signature] Date: 1-9-10  
 Print/Signature/Level

Site Level III Review: N/A Date: \_\_\_\_\_  
 Print/Signature/Level

ANII Review: [Signature] Date: 4/15/10  
 Print/Signature




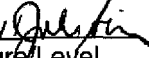


**CONTAINMENT INSERVICE INSPECTION RECORD OF VT-3/GENERAL VISUAL EXAMINATION**

**Plant:** IPEC - Unit 3    **Interval Period:** 1<sup>st</sup>/3<sup>rd</sup> Inspection    **Inspection Report No.:** IP3-09-IWL-001  
**Component No:** VCC-29    **Zone No:** 005    **Drawing No.:** ISI-IWL-001  
**Description:** El. 128' - El. 148'    **Work Order No:** 138856  
**Equipment Used:** Celestron Giant 20x80 Binoculars    **Limitations:** Accessible areas only

Recording Condition	RI	NRI	NI	N/A	Comments
Leaching or chemical attack	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Abrasion or erosion degradation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4
Pop outs and voids	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Scaling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Spalls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Corrosion staining on concrete surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2
Cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,3
Exposed reinforcing steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Deteriorating of concrete coating, if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Excessive corrosion of the exposed embedded metal surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Detached embedment or loose bolts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other (bugholes)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1

(Note: Sketches or pictures may be attached to clarify inspection areas and locations.)

**Examined By:** P. Bowe /  / Level    **Date:** 12/10/09    **Examined By:** J. Skonieczny /  / Level    **Date:** 12-16-09

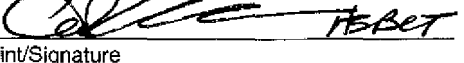
**Responsible Engineer Review:**

**Acceptable:**    Yes     No  (Detailed VT-1 Examination Required Attachment 7.3)

**Comments:** VAULTAGE POINT # 7 FROM FIG 1 ON PG 20

**RE Signature:** R. Drake /  / Level    **Date:** 1-9-10

**Site Level III Review:** N/A    **Date:** \_\_\_\_\_  
 Print/Signature/Level

**ANII Review:**  / Level    **Date:** 4/15/10

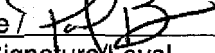
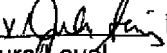


**CONTAINMENT INSERVICE INSPECTION RECORD OF VT-3/GENERAL VISUAL EXAMINATION**

**Plant:** IPEC – Unit 3    **Interval Period:** 1<sup>st</sup>/3<sup>rd</sup> Inspection    **Inspection Report No.:** IP3-09-IWL-001  
**Component No:** VCC-30    **Zone No:** 006    **Drawing No.:** ISI-IWL-001  
**Description:** El. 128' – El. 148'    **Work Order No:** 138856  
**Equipment Used:** Celestron Giant 20x80 Binoculars    **Limitations:** Accessible areas only

Recording Condition	RI	NRI	NI	N/A	Comments
Leaching or chemical attack	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Abrasion or erosion degradation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pop outs and voids	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Scaling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Spalls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Corrosion staining on concrete surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,2
Exposed reinforcing steel	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Deteriorating of concrete coating, if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Excessive corrosion of the exposed embedded metal surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Detached embedment or loose bolts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1

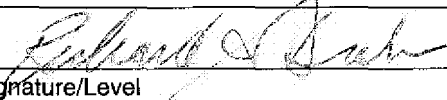
(Note: Sketches or pictures may be attached to clarify Inspection areas and locations.)

**Examined By:** P. Bowe /  / Level    **Date:** 12/11/09    **Examined By:** J. Skonieczny /  / Level    **Date:** 12-16-09

**Responsible Engineer Review:**

**Acceptable:**    Yes     No  (Detailed VT-1 Examination Required Attachment 7.3)

**Comments:** VANTAGE POINT # 8 & 11 FROM FIG. 1 ON PG. 20

**RE Signature:** R. Drake /  / Level    **Date:** 1-7-10

**Site Level III Review:** N/A    **Date:** \_\_\_\_\_  
 Print/Signature/Level

**ANII Review:**  / Level    **Date:** 4/15/10  
 Print/Signature









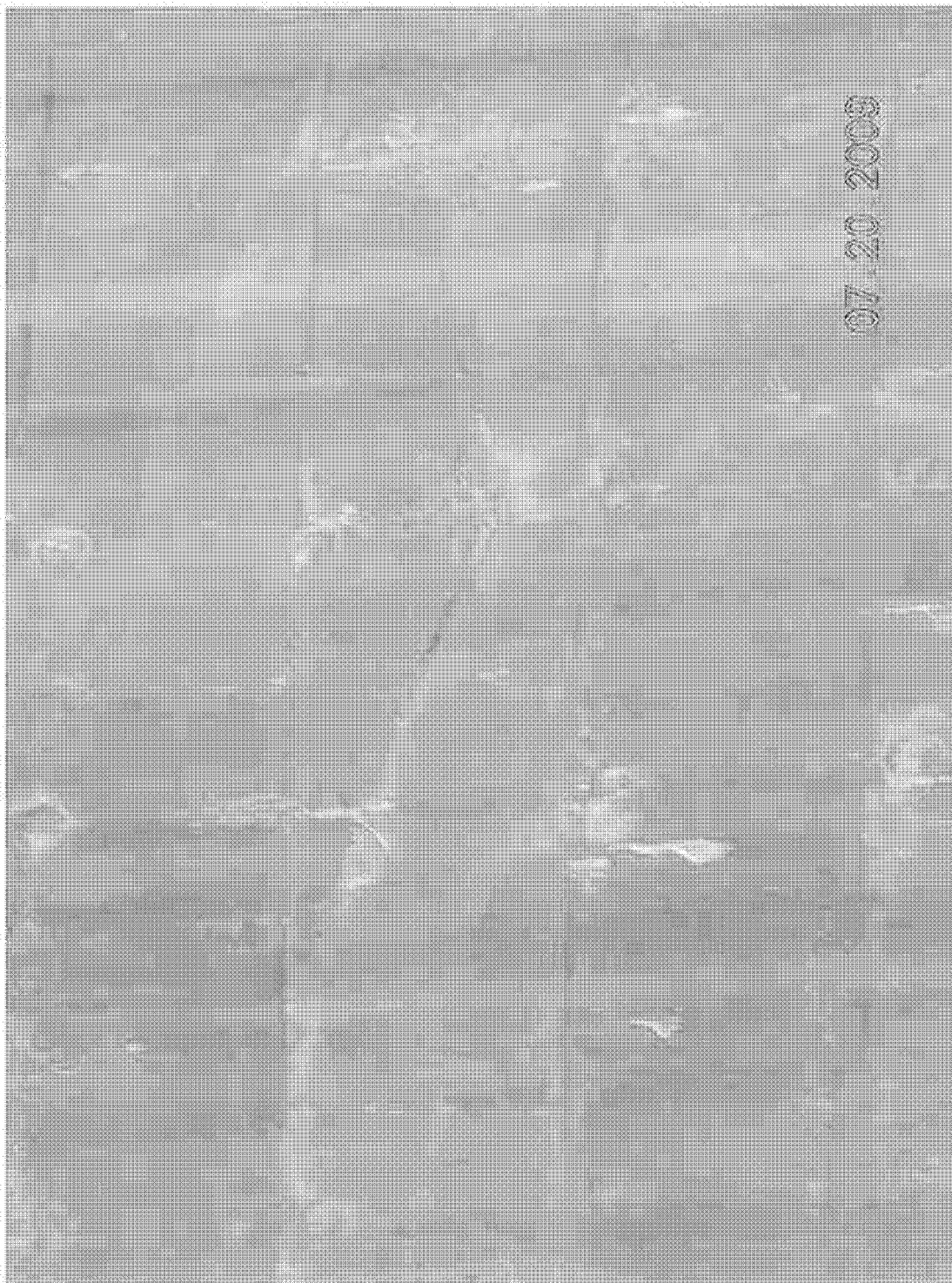
**IPEC**

IP-RPT-09-00069

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Page 107 of 192

IP3 ASME Section XI, IWL Concrete Containment Inspection for 2009



U3-017203

IWL-148-001

**CONTAINMENT INSERVICE INSPECTION RECORD OF VT-3/GENERAL VISUAL EXAMINATION**

Plant: IPEC – Unit 3 Interval Period: 1<sup>st</sup>/3<sup>rd</sup> Inspection Inspection Report No.: IP3-09-IWL-001


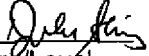
Component No: VCC-32 Zone No: 002 Drawing No.: ISI-IWL-001

Description: El. 148' – El. 168' Work Order No: 138856

Equipment Used: Celestron Giant 20x80 Binoculars Limitations: Accessible areas only

Recording Condition	RI	NRI	NI	N/A	Comments
Leaching or chemical attack	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Abrasion or erosion degradation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pop outs and voids	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Scaling	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spalls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2
Corrosion staining on concrete surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,2
Exposed reinforcing steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4
Deteriorating of concrete coating, if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Excessive corrosion of the exposed embedded metal surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Detached embedment or loose bolts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,3

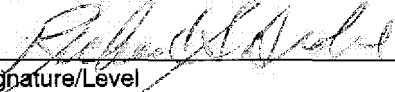
(Note: Sketches or pictures may be attached to clarify inspection areas and locations.)

Examined By: P. Bowe /  Date: 12/1/09 Examined By: J. Skonieczny /  Date: 12-16-09  
 Print/Signature/Level Print/Signature/Level

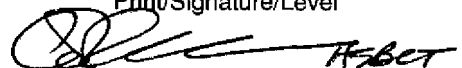
**Responsible Engineer Review:**

Acceptable: Yes  No  (Detailed VT-1 Examination Required Attachment 7.3)

Comments: VANTAGE POINT # 1 & 2 FROM FIG. 1 ON PG. 20

RE Signature: R. Drake /  Date: 1-7-10  
 Print/Signature/Level

Site Level III Review: N/A Date: \_\_\_\_\_  
 Print/Signature/Level

ANII Review:  Date: 4/15/10  
 Print/Signature







**IPEC**

IP-RPT-09-00069

REV. 0

Page 110 of 192

IP3 ASME Section XI, IWL Concrete Containment Inspection for 2009



U3-027225

IWL-148-002