	ENN NUCLEAR MANAGEMENT MANUAL	ENGINEERING STANDARD	ENN-EP-S-003 Revision 0
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Attachment 7.2
CONTAINMENT INSERVICE INSPECTION
RECORD OF VT-3 / GENERAL VISUAL EXAMINATION

IPEC Unit: 2 Interval Period: 1st/2nd Inspection Inspection Report No.: IP2-O5-IWL-001

Component No.: VCC - 09 Zone No: 002 Drawing No.: _____

Description: EI. 68 – EI. 88 Work Order No: IP2-03-29683

Equipment Used: Streamlight (Lightbox) Limitations: Accessible areas only

Recording Condition	RI	NRI	NI	N/A	Comments
Leaching or chemical attack	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Abrasion or erosion degradation	<input checked="" type="checkbox"/>	<input 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"/>	2
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"/>	6
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"/>	4,5,6
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3
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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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

Examined By: *Mark Gettleman II* Date: 6/2/05 Examined By: *Gopal Bhalla* Date: 6/2/05
Print/Signature/Level Print/Signature/Level

Responsible Engineer Review:

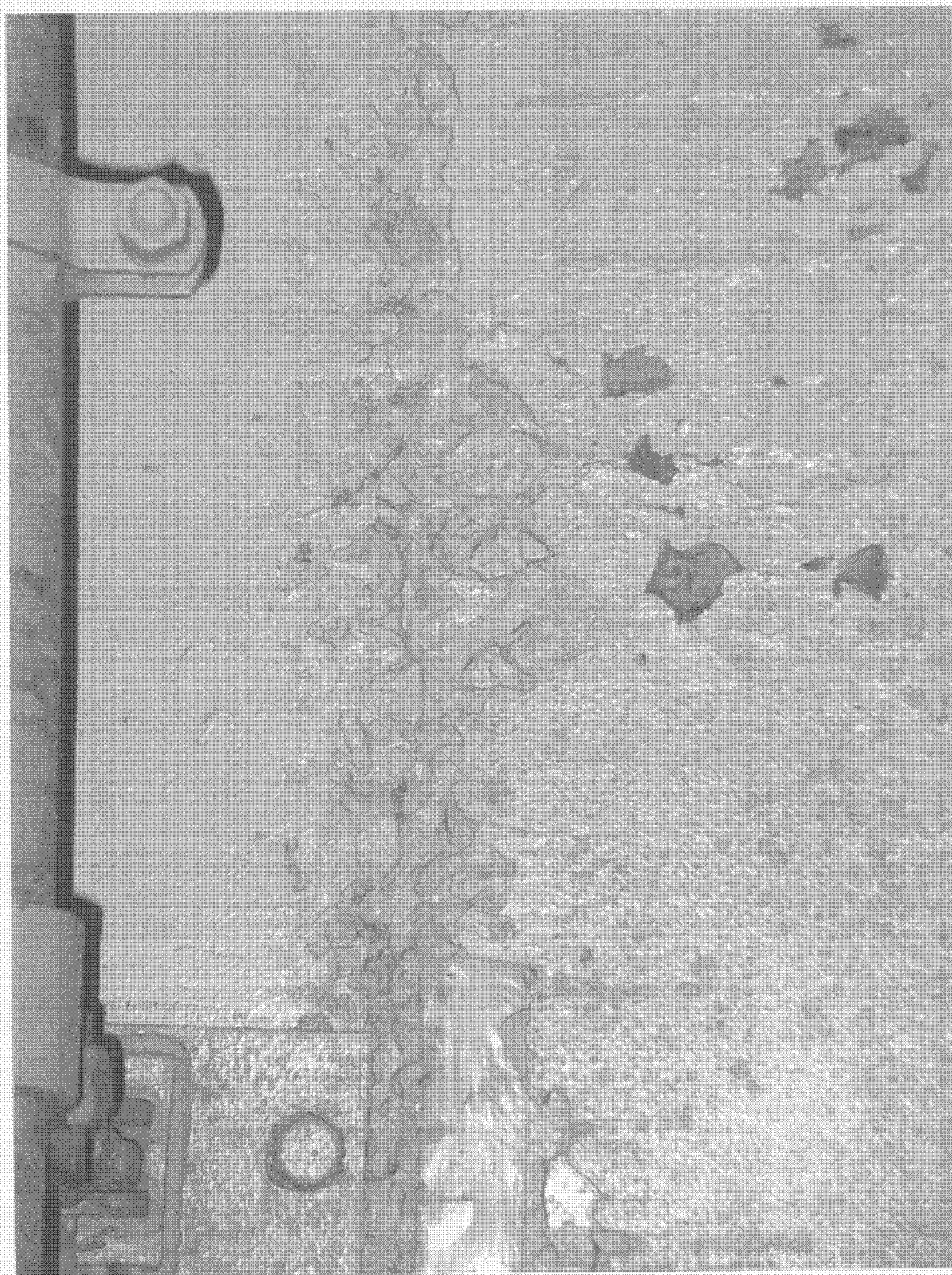
Acceptable: Yes No (Detailed VT-1 Examination Required Attachment 7.3)

Comments: _____

RE Signature: *Richard Drake* Date: 6/9/05
Print/Signature/Level

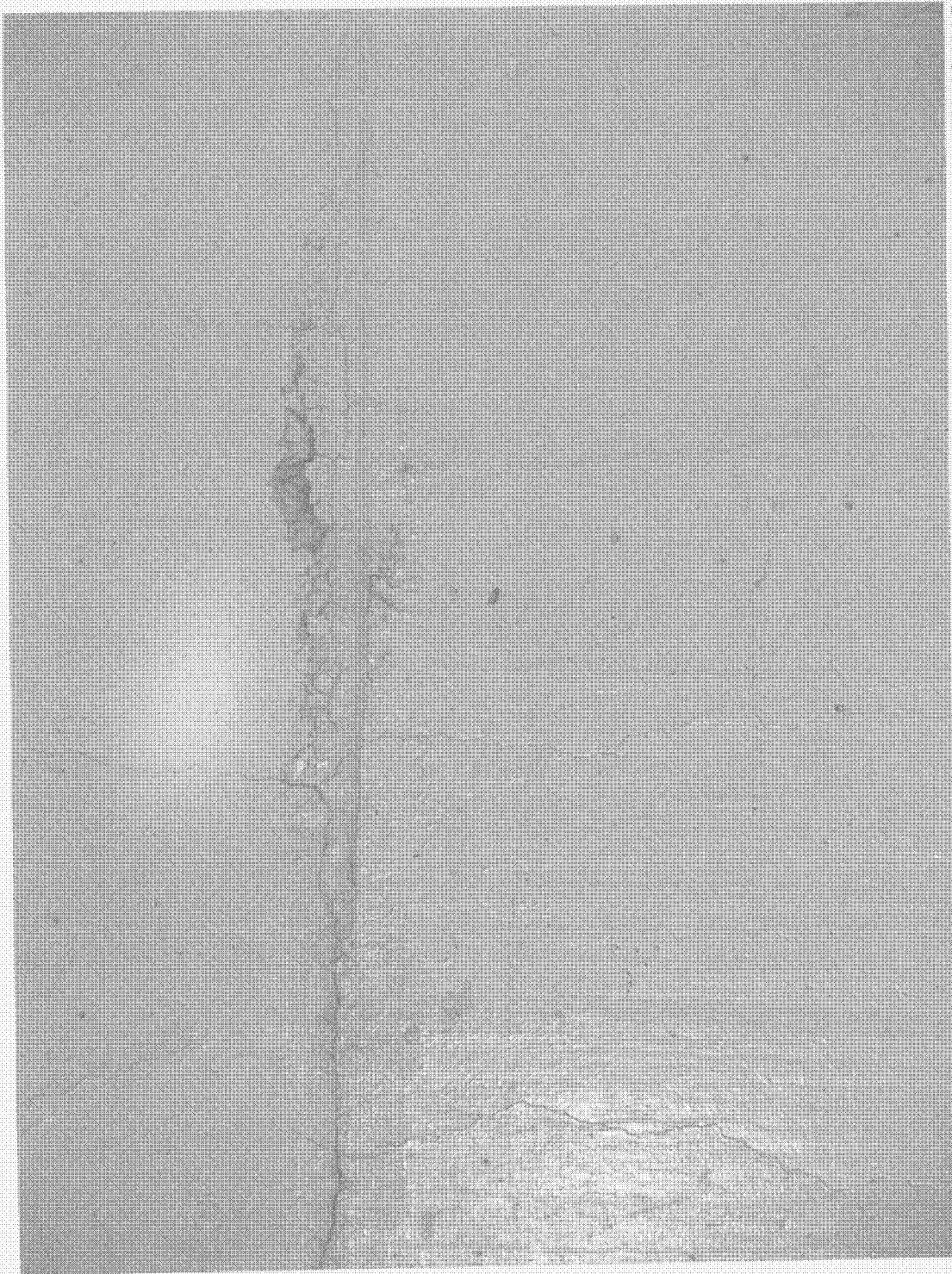
Site Level III Review: _____ Date: _____
Print/Signature/Level

ANII Review: Not Applicable Date: _____
Print/Signature




U2-026014

IWL-068-002



U2-026015

IWL-068-002

	ENN NUCLEAR MANAGEMENT MANUAL	ENGINEERING STANDARD	ENN-EP-S-003 Revision 0
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Attachment 7.2
CONTAINMENT INSERVICE INSPECTION
RECORD OF VT-3 / GENERAL VISUAL EXAMINATION

IPEC Unit: 2 Interval Period: 1st/2nd Inspection Inspection Report No.: IP2-O5-IWL-001

Component No.: VCC - 10 Zone No: 003 Drawing No.: _____

Description: EI. 68 – EI. 88 Work Order No: IP2-03-29683

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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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"/>	9
Scaling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8
Spalls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8
Corrosion staining on concrete surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,2,3,4,6,7
Cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8
Exposed reinforcing steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5
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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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

Examined By: MARK GOTTLEMAN II Date: 6/2/05 Examined By: DRAGOS NJTA Date: 6/2/05
 Print/Signature/Level Print/Signature/Level

Responsible Engineer Review:

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

Comments: _____

RE Signature Richard Drake Date: 6/9/05
 Print/Signature/Level

Site Level III Review: _____ Date: _____
 Print/Signature/Level

ANII Review: Not Applicable Date: _____
 Print/Signature

IWL VISUAL CONTAINMENT INSPECTION
 Indian Point Unit No. 2


IP2 - CISI - XXX
 Rev. 0
 Date: 5/10/2005
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FORM VT - 3C
CONTAINMENT INSERVICE INSPECTION
RECORD OF VT - 3 /GENERAL VISUAL EXAMINATION

STATION/UNIT: IPEC / Indian Point No. 2 COMPONENT NO. : VCC - 10

ZONE No: 003

No.	Comment	Initials
1	Multiple rust spots appear along El. 65.	<i>WJF</i>
2	Small rust spot visible on concrete surface. It could be tie wire or other misc. steel but does not appear to be rebar. This area has remained unchanged since previous inspection.	<i>WJF</i>
3	Small rust spot visible on concrete surface. It could be tie wire or other misc. steel but does not appear to be rebar. This area has remained unchanged since previous inspection.	<i>WJF</i>
4	Small rust spot visible on concrete surface. It could be tie wire or other misc. steel but does not appear to be rebar. This area has remained unchanged since previous inspection.	<i>WJF</i>
5	Exposed cadweld with some rusting. This area has remained unchanged since previous inspection.	<i>WJF</i>
6	Small rust spot visible on concrete surface. It could be tie wire or other misc. steel but does not appear to be rebar. This area has remained unchanged since previous inspection.	<i>WJF</i>
7	Small rust spot visible on concrete surface. It could be tie wire or other misc. steel but does not appear to be rebar. This area has remained unchanged since previous inspection.	<i>WJF</i>
8	General joint cracking with spalls, pattern cracking, scaling, and bugholes throughout entire section.	<i>WJF</i>
9	Two plugged form holes with partial popouts.	<i>WJF</i>

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

IPEC Unit: 2 Interval Period: 1st/2nd Inspection Inspection Report No.: IP2-O5-IWL-001

Component No.: VCC - 11 Zone No: 004 Drawing No.: _____

Description: El. 68 – El. 88 Work Order No: IP2-03-29683

Equipment Used: Vulcan Dual Filament Lantern Limitations: Accessible areas only

Recording Condition	RI	NRI	NI	N/A	Comments
Leaching or chemical attack	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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"/>	2,3
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	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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

Examined By: *Mark J. Miller II* Date: 6/2/05 Examined By: *Gopal Bhalla* Date: 6/2/05
Print/Signature/Level

Responsible Engineer Review:

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

Comments: _____

RE Signature: *Richard Drake* Date: 6/9/05
Print/Signature/Level

Site Level III Review: _____ Date: _____
Print/Signature/Level

ANII Review: Not Applicable Date: _____
Print/Signature

IWL VISUAL CONTAINMENT INSPECTION
 Indian Point Unit No. 2

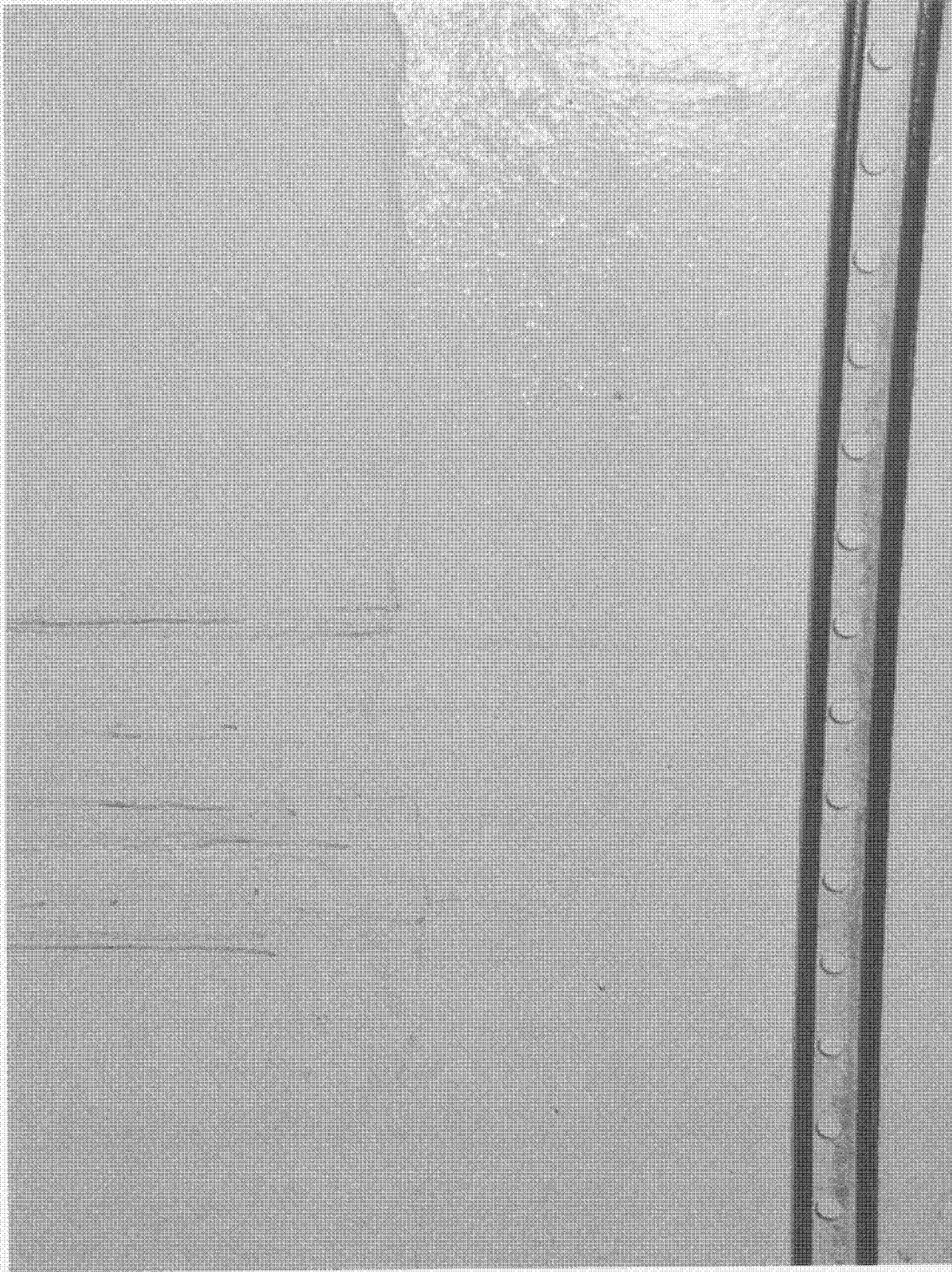
IP2 - CISI - XXX
 Rev. 0
 Date: 5/10/2005
 Page: X of Y

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

STATION/UNIT: IPEC / Indian Point No. 2 COMPONENT NO. : VCC - 11

ZONE No: 004

No.	Comment	Initials
1	An area approx. 20' x 8' was not visible for direct visual examination due to obstruction by electrical cabinets.	<i>WJF</i>
2	Joint cracking approximately 10' long. See photo U2-045209 and U2-0452010	<i>WJF</i>
3	General pattern cracking and bugholes. See photo U2-0452011	<i>WJF</i>
4	A joint spall with a length of 3' is visible at El. 80. See photo U2-0452012	<i>WJF</i>
5	Leaching is visible from a patched popout area. See photo U2-0452012	<i>WJF</i>

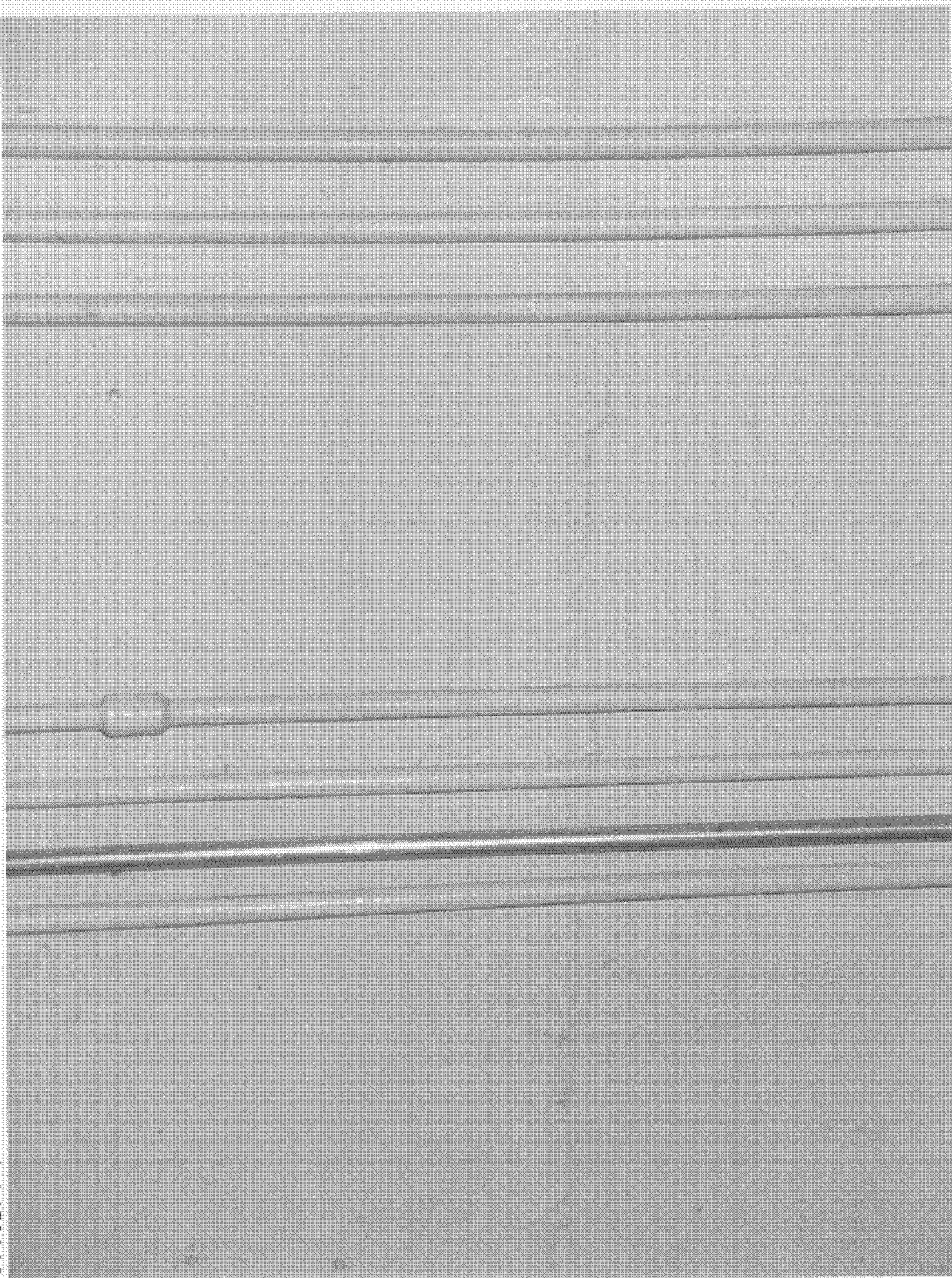


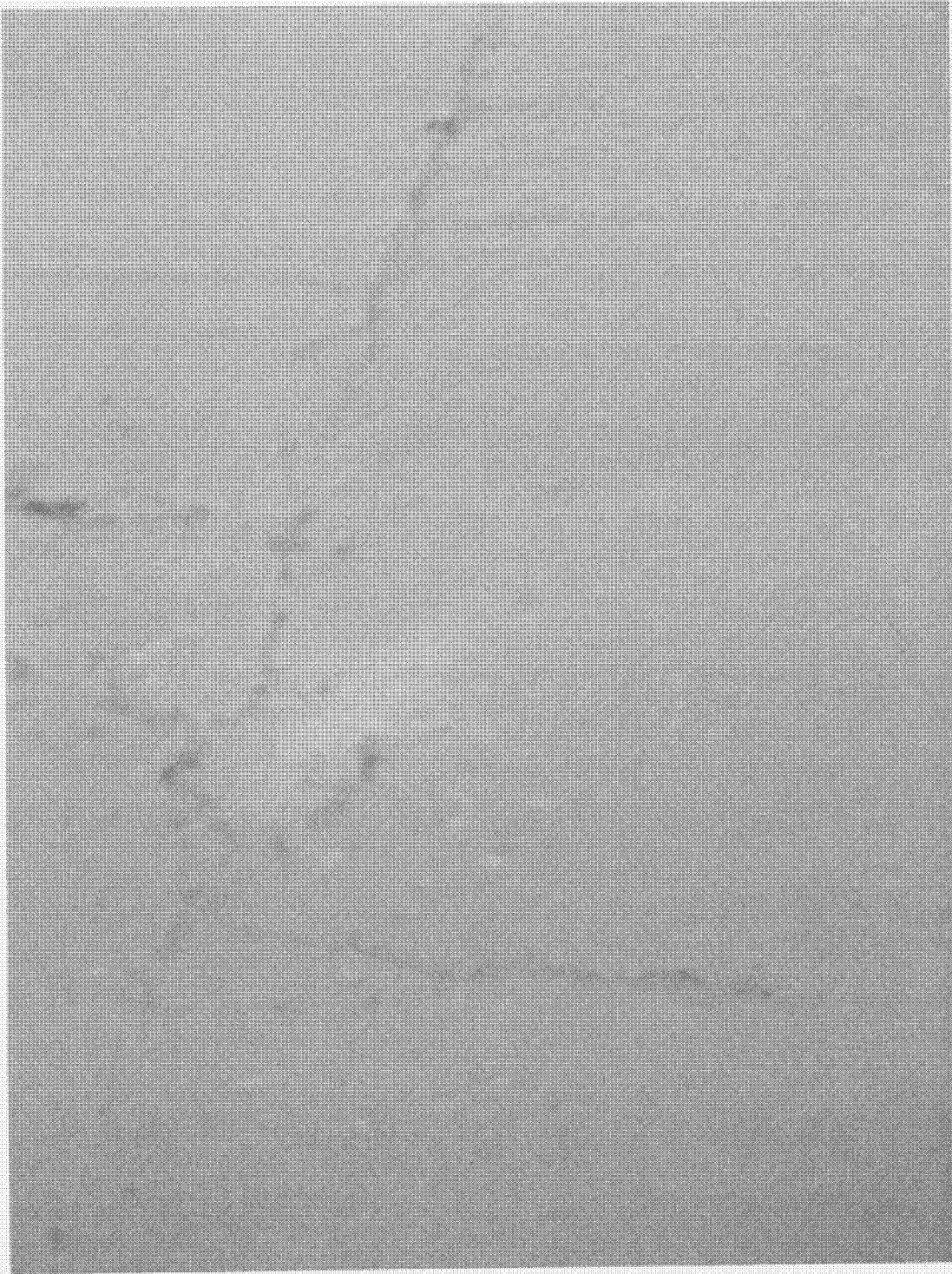
U2-045209

IWL-068-004

IWL-068-004

U2-0452010






U2-0452011

IWL-068-004



U2-0452012

IWL-068-004

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

IPEC Unit: 2 Interval Period: 1st/2nd Inspection Inspection Report No.: IP2-O5-IWL-001

Component No.: VCC - 12 Zone No: 001 Drawing No.: _____

Description: El. 88 - El. 108 Work Order No: IP2-03-29683

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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spalls	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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"/>	2,3,4
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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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

Examined By: *[Signature]* Date: 6/2/05 Examined By: *[Signature]* Date: 6/2/05
 Print/Signature/Level Print/Signature/Level

Responsible Engineer Review:


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

Comments: _____

RE Signature: *[Signature]* Date: 6/9/05
 Print/Signature/Level

Site Level III Review: _____ Date: _____
 Print/Signature/Level

ANII Review: Not Applicable Date: _____
 Print/Signature

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RECORD OF VT-3 / GENERAL VISUAL EXAMINATION

IPEC Unit: 2 Interval Period: 1st/2nd Inspection Inspection Report No.: IP2-O5-IWL-001

Component No.: VCC - 13 Zone No: 002 Drawing No.: _____

Description: EI. 88 - EI. 108 Work Order No: IP2-03-29683

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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Abrasion or erosion degradation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2
Pop outs and voids	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2
Scaling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,2
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"/>	2,3,4
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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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

Examined By: MARK GETTLEMAN II Date: 6/2/05 Examined By: DRAGOS NUTA Date: 6/2/05
 Print/Signature/Level

Responsible Engineer Review:


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

Comments: _____

RE Signature: Richard Drake Date: 6/9/05
 Print/Signature/Level

Site Level III Review: _____ Date: _____
 Print/Signature/Level

ANII Review: Not Applicable Date: _____
 Print/Signature

	ENN NUCLEAR MANAGEMENT MANUAL	ENGINEERING STANDARD	ENN-EP-S-003 Revision 0
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Attachment 7.2
CONTAINMENT INSERVICE INSPECTION
RECORD OF VT-3 / GENERAL VISUAL EXAMINATION

IPEC Unit: 2 Interval Period: 1st/2nd Inspection Inspection Report No.: IP2-05-IWL-001

Component No.: VCC -14 Zone No: 003 Drawing No.: _____

Description: EI. 88 – EI. 108 Work Order No: IP2-03-29683

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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Corrosion staining on concrete surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Exposed reinforcing steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,2
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 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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

Examined By: MAURICE GESTLEMAN II Date: 6/2/05 Examined By: DRAGOS NJTA Date: 6/2/05
 Print/Signature/Level Print/Signature/Level

Responsible Engineer Review:


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

Comments: _____

RE Signature: Richard Drake Date: 6/9/05
 Print/Signature/Level

Site Level III Review: _____ Date: _____
 Print/Signature/Level

ANII Review: Not Applicable Date: _____
 Print/Signature

	ENN NUCLEAR MANAGEMENT MANUAL	ENGINEERING STANDARD	ENN-EP-S-003 Revision 0
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CONTAINMENT INSERVICE INSPECTION
RECORD OF VT-3 / GENERAL VISUAL EXAMINATION

IPEC Unit: 2 Interval Period: 1st/2nd Inspection Inspection Report No.: IP2-05-IWL-001

Component No.: VCC -15 Zone No: 004 Drawing No.: _____

Description: EI. 88 – EI. 108 Work Order No: IP2-03-29683

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"/>	3
Abrasion or erosion degradation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pop outs and voids	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2,4,6,8
Scaling	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spalls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4,5,7,9
Corrosion staining on concrete surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2,5,6,7,8,9
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"/>	2,4,5,7,8
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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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

Examined By: Mark Castleman II Date: 6/2/05 Examined By: DRAGOS NUTA Date: 6/2/05
Print/Signature/Level

Responsible Engineer Review:

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

Comments: _____

RE Signature: Richard Drake Date: 6/9/05
Print/Signature/Level

Site Level III Review: _____ Date: _____
Print/Signature/Level

ANII Review: Not Applicable Date: _____
Print/Signature

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

STATION/UNIT: IPEC / Indian Point No. 2 COMPONENT NO. : VCC - 15


ZONE No: 004

No.	Comment	Initials
1	General pattern cracking and discoloration over concrete surface.	<i>WJF</i>
2	Popout, approx. 3" long, exposing rebar with rust at El. 105.	<i>WJF</i>
3	2' long white deposit from top of construction opening closure grout. This area has remained unchanged since previous inspection.	<i>WJF</i>
4	Concrete spall about 8" square area about to popout. Since previous inspection, roughly a 4" square popout has occurred exposing rebar at El. 104. See photo U2-045126	<i>WJF</i>
5	Rebar exposure with rust and staining, accompanied by 4" concrete spall with some additional spalling since previous inspection at El. 105. See photo U2-045126	<i>WJF</i>
6	Popouts are visual at El. 104 and El. 106, each having rust streaks approximately 10" long.	<i>WJF</i>
7	10"x4" concrete spall exposing 8" length of cadweld sleeve. Only 1/2" concrete cover in this area. Since previous inspection, minor additional spalling has occurred, along with rust streaks and staining. See photo U2-045126	<i>WJF</i>
8	Exposed rebar with rust and staining due to popout at El. 107.	<i>WJF</i>
9	Approximately 5 bugholes with rust streaks and local spalling occur between El. 107 and El. 108.	<i>WJF</i>



U2-045126

IWL-088-004

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CONTAINMENT INSERVICE INSPECTION
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IPEC Unit: 2 Interval Period: 1st/2nd Inspection Inspection Report No.: IP2-O5-IWL-001

Component No.: VCC - 16 Zone No.: 005 Drawing No.: _____

Description: EI. 78 - EI. 108 Work Order No.: IP2-03-29683

Equipment Used: Vulcan Dual Filament Lantern Limitations: Accessible areas only

Recording Condition	RI	NRI	NI	N/A	Comments
Leaching or chemical attack	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Abrasion or erosion degradation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pop outs and voids	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1
Scaling	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spalls	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Corrosion staining on concrete surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2
Cracks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2,3

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

Examined By: MARILYN GOTTHEMIR Date: 6/2/05 Examined By: GOPAL BHALLA Date: 6/2/05
 Print/Signature/Level Print/Signature/Level

Responsible Engineer Review:

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

Comments: _____

RE Signature: Richard Drake Date: 6/9/05
 Print/Signature/Level

Site Level III Review: _____ Date: _____
 Print/Signature/Level

ANII Review: _____ Not Applicable _____ Date: _____
 Print/Signature



U2-0552013

IWL-068-005