



IPEC

IP3 ASME Section XI, IWL
Concrete Containment Inspection
for 2005

IP-RPT-06-00013 Revision 0

Attachment 8.2 Page 107 of 124

Attachment 7.2 of ENN-EP-S-003, Rev. 0
CONTAINMENT INSERVICE INSPECTION
RECORD OF VT-3 / GENERAL VISUAL EXAMINATION

IPEC Unit: 3 Interval Period: 1st/2nd Inspection Inspection Report No.: IP3-O5-IWL-001

Component No.: VCC - 47 Zone No: 005 Drawing No.: _____

Description: Dome Work Order No: IP3-03-22881

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"/>	1,6
Abrasion or erosion degradation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5
Pop outs and voids	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,3,5,7
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"/>	1,3,4,5,6,7
Corrosion staining on concrete surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3,4,5,6,7,8
Cracks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1,2,3,4,5,6
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 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"/>	4,5

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

Examined By: D. Nuta *D. Nuta* Date: 7/11/05 Examined By: P. Bowe *P. Bowe* Date: 7/11/05
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 *Richard Drake* Date: 7/15/05
Print/Signature/Level

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

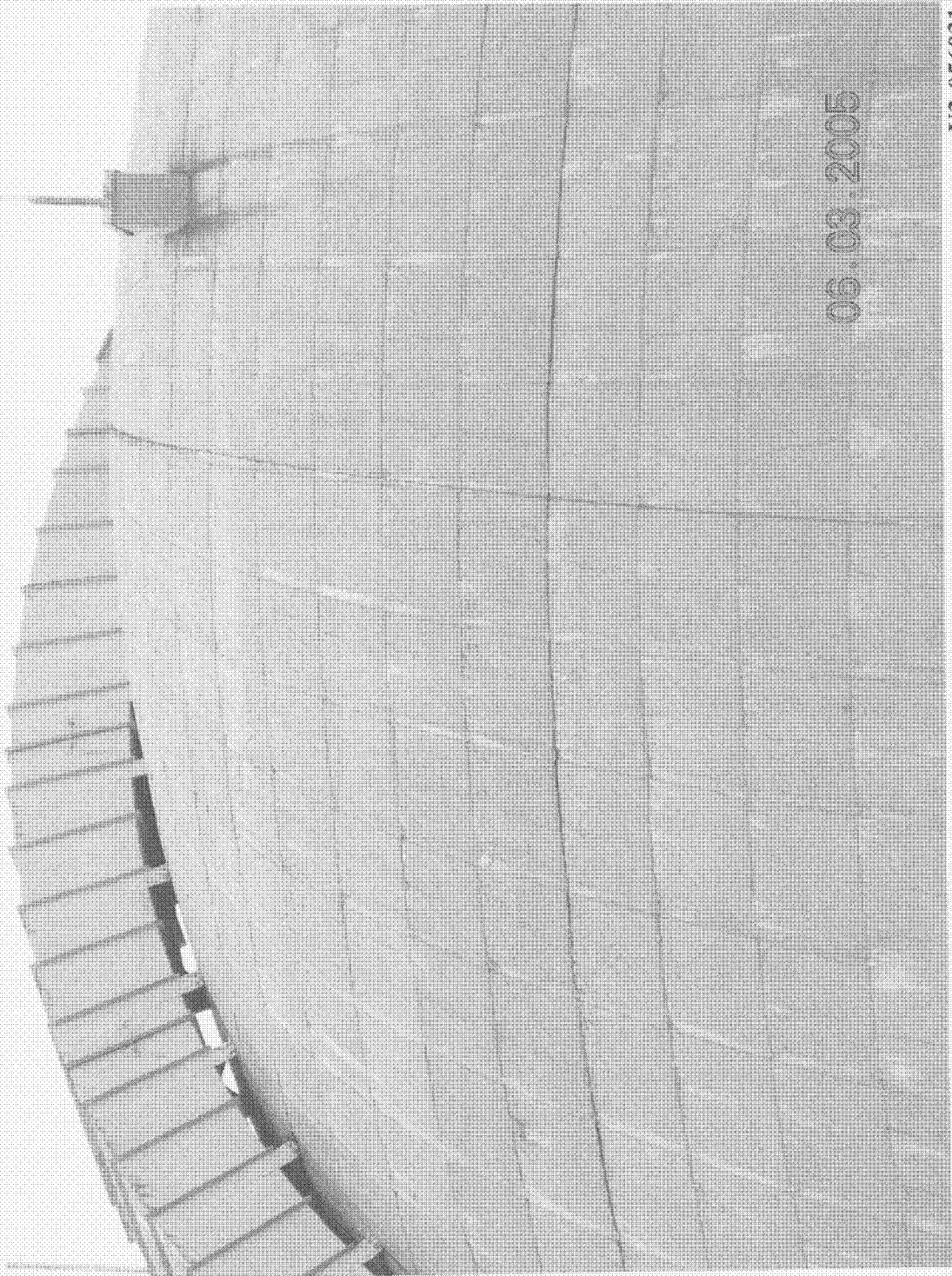
ANII Review: _____ Not Applicable _____ Date: _____
Print/Signature

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

STATION/UNIT: IPEC / Indian Point No. 3 COMPONENT NO. : VCC - 47

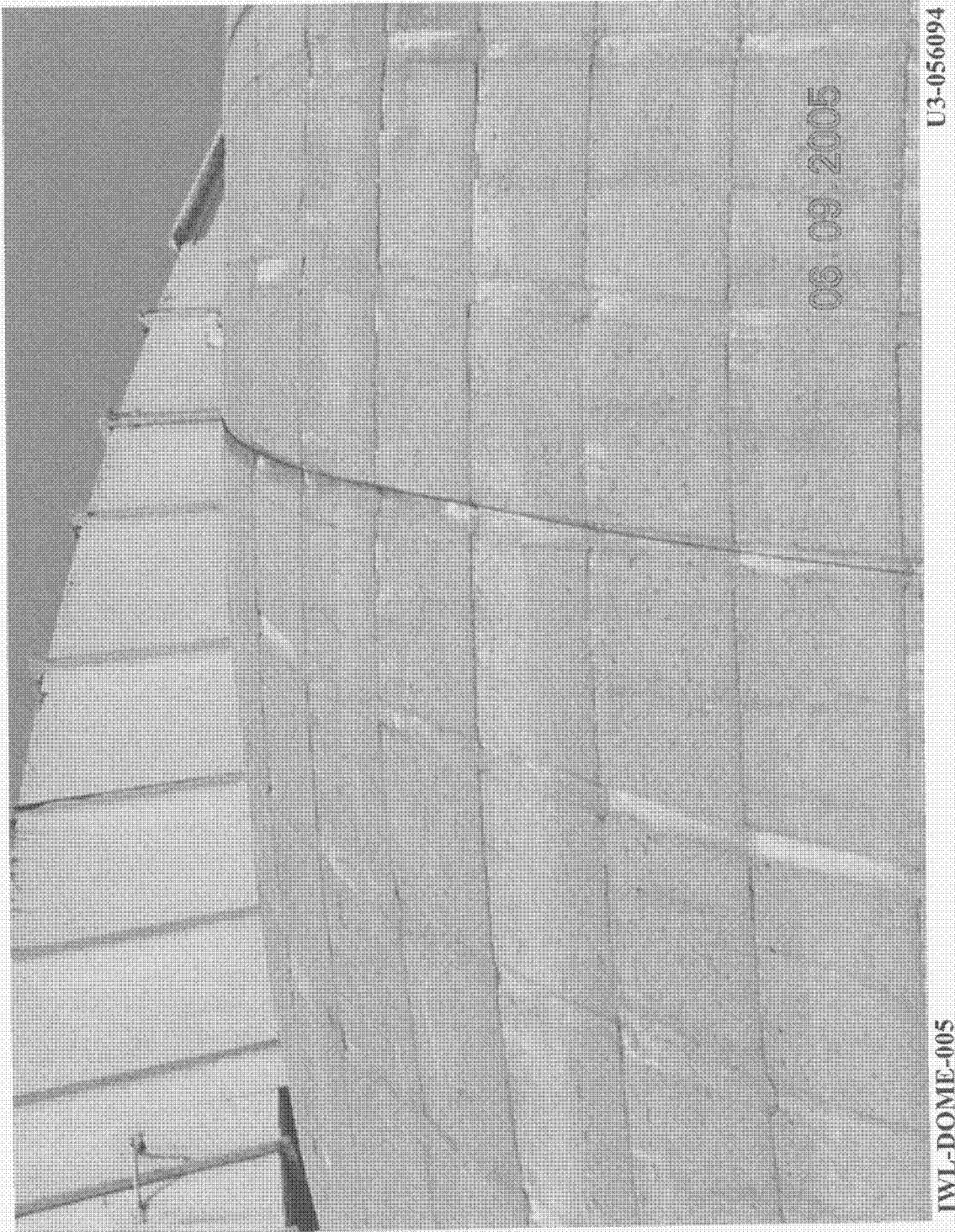
ZONE No: 005

No.	Comment	Initials
1	First two rows of dome: Minor cracking due to shrinkage; popouts; leaching; scaling and spalling; all non-active, minor.	PMB
2	Vertical cracks 5' long and 5' o/c along the first row of the dome. See photo U3-056095	PMB
3	Third and fourth rows of dome: Joint cracking; spalling; staining from duct support steel; vertical cracks 5' long and 5' o/c; small popouts with rust and staining.	PMB
4	Fifth and sixth rows of dome: Joint cracking; vertical cracks; minor spalling; bugholes; staining from lightning arrester support. See photo U3-056031	PMB
5	Seventh and eighth rows of dome: Joint crack and spall approximately 5' long adjacent to duct support; spall areas less than 5" in size; pitting/abrasion; bugholes; two small popouts with rust and staining.	PMB
6	Ninth and tenth rows of dome: Leaching; pattern cracking; joint spalls and cracking; staining.	PMB
7	Eleventh thru thirteenth rows of dome: Small spall areas; popouts adjacent to duct; rust and staining.	PMB
8	Steel cable rusting along a vertical joint. See photos U3-056094 and U3-056095	PMB



U3-056031

IWL-DOME-005



U3-056094

06.09.2005

IWL-DOME-005



08.09.2005

U3-056095

IWL-168-005