ILLINOIS POWER COMPANY

0981-L

CLINTON POWER STATION, P.O. BOX 678, CLINTON, ILLINOIS 61727

June 27, 1983

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Docket 50-461

Mr. J. G. Keppler
Regional Administrator
U. S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Subject: Revision to Overinspection Checklists and Instructions

Dear Mr. Keppler:

Revisions to the checklists and instructions used in the Illinois Power Company Overinspection Program have been made as identified in the matrices provided as attachments 1 through 3. The revisions have been reviewed and approved as required by Overinspection Program Procedures. Copies of the revised documents have been provided to Mr. H. Livermore and Mr. F. Jablonski.

If you have any questions or comments, please contact Illinois Power Company.

Sincerely yours,

D. P. Hall
Vice President

RLB/jb

Attachments

cc: Manager-Quality Assurance
Director-Office of I&E, US NRC, Washington, DC 20555
Illinois Department of Nuclear Safety
US NRC Senior Resident Inspector

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Attachment 1

The following changes were incorporated in the Illinois Power Overinspection Quality Assurance Instructions.

INSTRUCTION AND PARA#	CHANGE	REASON FOR CHANGE
QAI-710.01		
Para. 4.5.7	Changed QAI-710.08 to QAI-710.07	To reflect correct instruction number
Form 710.01F01	Added "Master Lot No." and "NCR No."	Reflect use of Master Lot concept
QAI-710.06		
Para. 4.1	Changed block numbers	To correspond with block numbers on revised NCR form
Para. 4.2	Changed block numbers	To correspond with block numbers on revised NCR form
Appendix 710.06A01	Replaced NCR form	Incorporate new revised form
QAI-710.09		
Para. 2.1.6	Changed para. number referenced in text	Referenced incorrect paragraph
2.1.7	Changed para. number	Typo error
2.2.3	Added definition of "Master Lot"	Incorporated Master Lot concept
2.2.4	Renumbered para.	Needed adjustment
2.2.5	Renumbered para.	Needed adjustment
2.2.6	Renumbered para.	Needed adjustment
3.2(c)	Changed "form" to "work sheet"	Changed QAI-710.09F01 OVERINSPECTION EVALUATION ANALYSIS DATA AQUISITION "form" to a computer "work sheet"
3.3(a)	Changed QAI-710.09 OVERINSPECTION EVALUATION ANALYSIS PROGRAM referenced in text to OVERINSPECTION PROGRAM	Need adjustment

INSTRUCTION AND PARA #	CHANGE	REASON FOR CHANGE
3.3(b)	Changed "form" to "work sheet"	To reflect changing QAI-710.09F01 from a QAI form to a computer work sheet
3.4(a)	Changed "form" to "work sheet"	To reflect changing QAI-710.09F01 from a QAI form to a computer work sheet
4.1.1	Deleted "QAI-710.09F01" Changed "form" to "work sheet" Delete list of items	No longer a QAI form
4.1.2	Changed "form" to "work sheet"	To reflect changing QAI-710.09F01 from a QAI form to a work sheet
4.3.1.2	Changed "Overinspection Report Number" to "Master Lot Number"	Reflect use of Master Lot Concept
4.4.1	Changed para. number referenced in text	Referenced incorrect paragraph
4.5.1	Changed para. number referenced in text	Referenced incorrect paragraph
5.0	Renumber Records to 4.7	Needed adjustment
6.0	Renumber References to 5.0	Needed adjustment
7.0	Renumber Appendices to 6.0	Needed adjustment
7.2	Deleted QAI-710.09F01	No longer a QAI form
Form 710.09F02	Added Master Lot Number	Reflect use of Master Lot Concept
710.09F03	Added Master Lot Number	Reflect use of Master Lot Concept

The changes identified below were incorporated in Revision 1 of the instructions and checklists. Additionally, minor typographical errors were corrected.

PROCEDURE AND PARA#	CHANGE	REASON FOR CHANGE
BQAI-190-2 XX Exhibit 2	Revised to require torquing all fasteners	IPQA requirement
BQAI-190-5 XXXIV Exhibit 2	Revised to require torquing all fasteners	IPQA requirement
BQAI-190-5 XXV Exhibit 4	Revised to require torquing all fasteners	IPQA requirement
BQAI-190-5 XXVI Exhibit 6	Revised to require torquing all fasteners	IPQA requirement
BQAI-190-8 XX Exhibit 2	Revised to require torquing all fasteners	IPQA requirement
BQAI-190-8 XX Exhibit 4	Revised to require torquing all fasteners	IPQA requirement
BQAI-190-8 V Exhibit 6	Revised to require torquing all fasteners	IPQA requirement
BQAI-190-12 I and IV Exhibit 2	Change from non-critical to critical	IPQA requirement

Attachment 3

The following changes have been made as listed. These changes are identified with a △2 in the text or checklist margin.

PROCEDURE AND PARA #	CHANGE	REASON FOR CHANGE
BQAI-190-1 Para 6.1	Changed exhibit number	For consistency
BQAI-190-1 Para 7.1-18	Deleted	Rev. now on checklist pages
BQAI-190-1 Para. 8.0	Added checklist guide and changed exhibit number	For consistency in filling out checklist
BQAI-190-1 IV	Added tolerance	Tolerance provided by S&L
BQAI-190-1 V	Changed attachment numbers	For consistency with other checklists
BQAI-190-1 VI	Changed attachment numbers	For consistency with other checklists
BQAI-190-1 VII	Changed attachment numbers	For consistency with other checklists
BQAI-190-1 VIII	Changed attachment numbers	For consistency with other checklists
BQAI-190-1 Exhibit #2 VI	Revise criteria to include design spacing requirements.	Clarification of Requirements per S&L
BQAI 190-1 Exhibit #2 IX A,B,C,&D	Change Exhibit #7 to Attachment #5, change all "Exhibits" to "Attachments", change "-4" to ≤ 4, "4° to 10°" to $>4°$ to $<10°$	S&L request
BQAI-190-1 X	Deleted reference to in-process verification of slotted holes.	In-process not part of Field Verification
BQAI-190-1 XII	Deleted 10% check requirement of AISC. Now torque all bolts on assembly.	Requested by IPQA
BQAI-190-1 XIII	Changed attachment numbers	For consistency with other checklists
BQAI-190-2 Para. 6.1	Changed exhibit number	Consistency
BQAI-190-2 Para. 6.4 (top of pg. #4)	Remove entire sentence - redundant	S&L request

BQAI-190-2 Para. 7.1 (2)	Add verbage to include S&L dwg. revision	S & L request
BQAI-190-2 Para. 7.1.1	Deleted Rev. No.	Rev. now on checklist pages
BQAI-190-2 Para. 7.3	Added "visible" to recording requirement	Provide clarification
BQAI-190-2 Para. 7.4	Changed exhibit number	Consistency with other checklists
BQAI-190-2 Para. 8.0	Changed exhibit number	Consistency with other checklists
BQAI-190-2 Exhibit #1, Pg. #1, Item #2, Exhibit #2, Page #1	Add note to include S&L dwg. revision	S&L request
BQAI-190-2 Exhibit #1, pg. #1 Item #11	Remove item #11 from border ref. and add notation "N/A"	S&L request
BQAI-190-2 I	Added "section" to size verification	Provide clarification
BQAI-190-2 II	Added length tolerance	Provide clarification
BQAI-190-2 III	Changed attachment number	Consistency with other checklist
BQAI-190-2 IV	Changed attachment number	Consistency with other checklist
BQAI-190-2 VI	Changed attachment number	Consistency with other checklist
BQAI-190-2 VIII	Changed attachment number	Consistency with other checklist
BQAI-190-2 X	Added tolerance	Tolerance provided by S&L
BQAI-190-2 XIII	Corrected typo in objective evidence	Needed correction
BQAI-190-2 Exhibit #2 XIII	Added bolt identification criteria	S&L request
BQAI-190-2 XIV	Added instrument information	Provide clarification

BQAI-190-2 XV	Corrected typo in objective evidence columns	Needed correction
BQAI-190-2 Exhibit #2 XV	Added high strength, hardened nut identification criteria	S&L request
BQAI-190-2 XX	Changed exhibit number	Consistency with other checklists
BQAI-190-3 Para. 6.1	Exhibit #1 Checklist Guide	Consistence between Checklists
BQAI-190-3 Para. 7.2-17	Delete	Rev. now on checklist pages
BQAI-190-3 Para. 8.0	Exhibit #1 Checklist Guide	Consistence betwee Checklists
BQAI-190-3 II	Placement - verify equipment on correct foundation	Completed equipment is located on anchor bolts validated by survey. Field Verification to verify equipment placement.
BQAI-190-3 IV	Deleted "...safety of the plant" added surface/cosmetic clarification	Change to define Field Verification Engineer's responsibility
BQAI-190-4 Para. 6.1	Changed exhibit numbers	For consistency
BQAI-190-4 Para. 7.1	Changed exhibit numbers	For consistency
BQAI-190-4 Para. 7.1-16	Deleted	Rev. now on checklist pages
BQAI-190-4 Para. 8.0	Exhibit numbers changed, checklist guide added	
BQAI-190-4 Exhibit #2 III	Based on minimum slope for a given spool. Slope below 5/8"/ft. verified to the next lowest 1/16".	Slope measuring equipment limitations
BQAI-190-4 Exhibit #2 X	Added bend radius definitions	Clarification of Requirements
BQAI-190-4 Exhibit #2 XI	Deleted "safety of the plant", physical damage clarified	Change to clarify Field Verification Engineers responsibility
BQAI-190-4 Exhibit #4 V	Based on minimum slope for a given spool. Slope below 5/8"/ft. verified to the next lowest 1/16".	Slope measuring equipment limitations

BQAI-190-4 Exhibit #4 XI	Added bend radius definitions	Clarification of Requistions
BQAI-190-4 Exhibit #4 XII	Deleted "safety of the plant", physical damage clarified	Change to clarify Field Verification Engineers responsibility
BQAI-190-5 Para. 6.1 Para. 7.1 Para. 8.0	Exhibit numbers corrected on Revision 1	To provide consistency
BQAI-190-5 Para. 7.1-16	Deleted	Rev. now on checklist pages
BQAI-190-5 Exhibit #2 I note 2	Surveyors report to be supplied if available	Justification for objective evidence
BQAI-190-5 Exhibit #2 III	Corrected typo	Needed correction
BQAI-190-5 Exhibit #2 XII	Cold & hot settings deleted	Cannot be verified without tolerance, manufacturer set
BQAI-190-5 Exhibit #2 XIV-d	Deleted reference to B.E. catalog	B.E. catalog does not identify when grease zerts are required
BQAI-190-5 Exhibit #2 XVIII	Deleted "safe operation of the plant" added cosmetic clarification	To more clearly define Field Verification Eng. responsibility
BQAI-190-5 EXhibit #2 XXII	Deleted "Travel Stops"	Verified under another attribute
BQAI-190-5 Exhibit #2 XXIII	Added length tolerance	Required by S&L
BQAI-190-5 Exhibit #2 XXV	Added objective evidence	To provide clarification
BQAI-190-5 Exhibit #2 XXX	Added high strength hardened nut identification criteria	S&L request
BQAI-190-5 Exhibit #2 XXXIV	Changed exhibit number	To provide consistency

3QAI-190-5 Exhibit #2 XXXVII	Added bolt identification criteria	S&L request
BQAI-190-5 Exhibit #2 XXXVIII	Added tolerance	Required per S&L
BQAI-190-5 Exhibit #2 XXXVIII	Added objective evidence	To provide clarification
BQAI-190-5 Exhibit #2 XXXX	Added tolerance	Required by S&L
BQAI-190-5 Exhibit #4 I Note 2	Surveyors report to be supplied if available	Justification for objective
BQAI-190-5 Exhibit #4 XI	Cold & hot settings deleted	Cannot be verified without tolerance, manufacturer set
BQAI-190-5 Exhibit #4 XIII-d	Deleted reference to B.E. Catalog	B. E. catalog does not identify when grease zerts are required
BQAI-190-5 Exhibit #4 XVIII	Deleted "safe operation of the plant" added cosmetic clarification	To more clearly define Field Verification Engineer's responsibility
BQAI-190-5 Exhibit #4 XXII	Deleted "Travel Stops"	Verified under another attribute
BQAI-190-5 Exhibit #4 XXVIII	Added bolt identification criteria	S&L request
BQAI-190-5 Exhibit #4 XXX	Added high strength hardened nut identification criteria	S&L request
BQAI-190-5 Exhibit #4 XXXVI	Added tolerances	Required by S&L
BQAI-190-5 Exhibit #6 I	Surveyors report to be supplied if available	Justification for objective evidence
BQAI-190-5 Exhibit #6 X	Deleted "safe operation of the plant" added cosmetic clarification	To more clearly define Field Verification Engineer's responsibility
BAQI-190-5 Exhibit #6 XIV	Deleted "Travel Stops"	Verified on another attribute

BQAI-190-5 Exhibit #6 XV	Added tolerances	Required per S&L
BQAI-190-6 Para. 6.1	Changed exhibit number	For consistency
BQAI-190-6 Para. 7.1.18	Deleted	Rev. now on checklist pages
BQAI-190-6 Para. 8.0	Changed exhibit numbers	For consistency with other checklists
BQAI-190-6 II	Clarified location requirements and added tolerances	Tolerances provided by S&L
BQAI-190-6 V	Revised reference to drawing tolerance. Verification will be in accordance with E05-1200 drawings & manufacturer's drawings	To insure verification per S&L direction
BQAI-190-6 VIII	Changed attached number	For consistency with other checklists
BQAI-190-6 IX	Deleted reference to "safety to the plant", clarified physical damage	To clarify Field Verification Engineer's responsibility
BQAI-190-6 XI	Deleted reference to potential hazards	Potential hazards not clarified as to tolerance
BQAI-190-6 Exhibit #2 II.B	Add tolerance for containment	S&L request
BQAI-190-7 Para. 6.1	Changed exhibit number	For consistency
BQAI-190-7 Para. 7.1-17	Deleted	Rev. now on checklist pages
BQAI-190-7 8.0	Added checklist guide and changed exhibit numbers	For consistency in filling out checklists
BQAI-190-7 I	Changed attachment number	For consistency with other checklists
BQAI-190-7 III	Changed attachment number	For consistency with other checklists
BQAI-190-7 IV	Added statement on discrepant items, objective evidence	To provide clarification
BQAI-190-7 V	Added statement on discrepant items, objective evidence	To provide clarification

BQAI-190-7 VI	Added statement on discrepant items, objective evidence	To provide clarification
BQAI-190-7 VII	Added statement on discrepant items, objective evidence	To provide clarification
BQAI-190-7 VIII	Conductor condition can be validated only on Burndy lugs	To provide clarification
BQAI-190-7 IX	Added statement on discrepant items, objective evidence	To provide clarification
BQAI-190-7 X	Added statement on discrepant items, objective evidence	To provide clarification
BQAI-190-7 XIII	Changed attachment number, added objective evidence	To provide clarification
BQAI-190-7 XIV	Added statement on discrepant items, objective evidence	To provide clarification
BQAI-190-7 XV	Added statement on discrepant items, objective evidence	To provide clarification
BQAI-190-7 XVI	Added statement on discrepant items, objective evidence	To provide clarification
BQAI-190-7 Attach. #3	Corrected typo on note pg. 1	Needed correction
BQAI-190-7 Exhibit #2 XV Line 6 & 12	Correct IE to lE	S&L request
BQAI-190-7 Exhibit #2 Attachment 1	Correct ClE to ClR	S&L request
BQAI-190-7 Exhibit #2 Attachment 2, pg. 1	Change 19-22 to 19/22	S&L request
BQAI-190-7 Exhibit #2 Attachment 2, pg. 1	Change 19-25 to 19/25	S&L request
BQAI-190-8 Para. 6.1	Change exhibit number	Consistency
BQAI-190-8 Para. 7.1	Changed exhibit number	Consistency
BQAI-190-8 Para. 7.1-14	Deleted	Rev. now on checklist pages
BQAI-190-8 Para. 7.3	Added "visible" to recording requirements	Provide clarification to Field Verification Engineer

BQAI-190-8 Para. 7.4	Added paragraph 7.4 take from page 1 of checklist	Provide clarification to Field Verification Eng.
BQAI-190-8 Para. 8.0	Changed exhibit numbers	Consistency with other checklists
BQAI-190-8 Exhibit #2 Page 1	Deleted statement with"Item #"	Put in"General Requirement" Para. 7.4
BQAI-190-8 Exhibit #2 I-A	Add tolerance for containment	S&L request
BQAI-190-8 Exhibit #2 I-C	Last sentence changed	Provide clarification to Field Verification Eng.
BQAI-190-8 Exhibit #2 II A thru G	Added instructions in objective evidence	Provide clarification to Field Verification Eng.
BQAI-190-8 Exhibit #2 III-C	Added	Additional requirement per S&L
BQAI-190-8 Exhibit #2 VI	Added instruction in objective evidence	Provide clarification to Field Verification Eng.
BQAI-190-8 Exhibit #2 VIII	Added instruction in objective evidence	Provide clarification to Field Verification Eng.
BQAI-190-8 Exhibit #2 X	Added instruction in objective evidence	Provide clarification to Field Verification Eng.
BQAI-190-8 Exhibit #2 XI	Added instruction in objective evidence	Provide clarification to Field Verification Eng.
BQAI-190-8 Exhibit #2 XII	Added instruction in objective evidence	Provide clarification to Field Verification Eng.
BQAI-190-8 Exhibit #2 XIII	Added instruction in objective evidence	Provide clarification to Field Verification Eng.
BQAI-190-8 Exhibit #2 XIV	Added last sentence	Provide clarification to Field Verification Eng.
BQAI-190-8 Exhibit #2 XIV	Added bolt identification criteria	S&L request

BQAI-190-8 Exhibit #2 XV A thru B	Added instruction in objective evidence	Provide clarification to Field Verification Eng.
BQAI-190-8 Exhibit #2 XVI	Added "A490 bolts" to verification	Needed correction
BQAI-190-8 Exhibit#2 XVI	Added high strength, hardened nut identification criteria	S&L request
BQAI-190-8 Exhibit #2 XX	Changed exhibit number, objective evidence	To provide consistency
BQAI-190-8 Exhibit #2 XXI	Changed objective evidence	To provide consistency
BQAI-190-8 Exhibit #2 XXII	Changed objective evidence	To provide clarification
BQAI-190-8 Exhibit #2 XXVI	Deleted "safe operation of the plant"	To better define Field Verification Engineer's responsibility
BQAI-190-8 Exhibit #2 XXVIII	Add critical attribute XXVIII - tray hander - strut bolting	S&L request
BQAI-190-8 Exhibit #4 1.A	Added tolerance for containment	S&L request
BQAI-190-8 Exhibit #4	Add item "C" tolerance for hanger	S&L request
BQAI-190-8 Exhibit #4 Page 1	Deleted statement under "item #"	Put in "General Requirement" para. 7.4
BQAI-190-8 Exhibit #4 II	Added instructions in objective evidence	To provide clarification to Field Verification Eng.
BQAI-190-8 Exhibit #4 IV	Typo correction	Required by S&L
BQAI-190-8 Exhibit #4 VI	Added instructions in objective evidence	To provide clarification to Field Verification Eng.
BQAI-190-8 Exhibit #4 VIII	Added instructions in objective evidence	To provide clarification to Field Verification Eng.

BQAI-190-8 Exhibit #4 XII	Deleted "safe operation of the plant"added statement on cosmetic damage	To better define Field Verification Eng's responsibility
BQAI-190-8 Exhibit #4 XIII	Added instructions in objective evidence	To provide clarification for Field Verification Eng.
BQAI-190-8 Exhibit #4 XIV	Added instructions in objective evidence	To provide clarification for Field Verification Eng.
BQAI-190-8 Fxhibit #4 XV	Added instructions in objective evidence and added tolerance	To provide clarification for Field Verification Eng. tolerance provided by S&L
BQAI-190-8 Exhibit #4 XVII	Added instructions in objective evidence	To provide clarification for Field Verification Eng.
BAQA-190-8 Exhibit #4 XVIII	Changed objective evidence	Needed correction
BQAI-190-8 Exhibit #4 XIX	Corrected typo	Needed correction
BQAI-190-8 Exhibit #4 XX	Changed attachment number	To be consistent with other checklists
BQAI-190-8 Exhibit #4 XXII	Change objective evidence	To provide clarification
BQAI-190-8 Exhibit #4 XXIII	Changed objective evidence	To provide clarification
BQAI-190-8 Exhibit #6 V	Corrected verification requirement	To provide clarification
BQAI-190-8 Exhibit #6 VI	Changed attachment number	To be consistent
BQAI-190-8 Exhibit #6 VII	Added tolerance objective evidence	Required by S&L
BQAI-190-8 Exhibit #6 VIII	Changed objective evidence	To provide clarification

BQAI-190-9 Para. 6.1	Changed exhibit number	For consistency
BQAI-190-9 Para. 7.1	Changed exhibit number	For consistency
BQAI-190-9 Para. 7.1-17	Deleted	Rev. now on checklist pages
BQAI-190-9 Para. 8.0	Changed exhibit numbers	For consistency
BQAI-190-9 Exhibit #2 pages 6 & 7	Correct spelling in title	S&L request
BQAI-190-9 Exhibit #2 I	Changed attachment numbers	For consistency with other checklists
BQAI-190-9 Exhibit #2 V	Added requirement to record number in objective evidence column	Requested by IPQA
BQAI-190-9 Exhibit #2 VI	Added calibration info. and torque requirements to objective evidence	For consistency
BQAI-190-9 Exhibit #2 VI	Revise torque	S&L request
BQAI-190-9 Exhibit #2 VII	Added objective evidence clarification	For consistency
BQAI-190-9 Exhibit #2 VIII B&C	Delete parenthetical wording on B&C	S&L request
BQAI-190-9 Exhibit #2 VIII	Added clarification of uncoated ground cable	Required clarification
BQAI-190-9 Exhibit #2 IX	Changed attachment number	For consistency
BQAI-190-9 Exhibit #2 XII	Added instructions on objective evidence	To provide clarification to Field Verification Eng.
BQAI-190-9 Exhibit #2 XIII	Clarified physical damage deleted "safety of the plant"	To provide clarification for Field Verification Eng.
BQAI-190-9 Exhibit #2 XIV	Change attachment number	For consistency

BQAI-190-9 Exhibit #4 III	Clarify tolerance for containment.	S&L request
BQAI-190-9 Exhibit #4 IV	Changed attachment number	For consistency with other checklists
BQAI-190-9 Exhibit #4 V	Changed attachment number, objective evidence	For consistency with other checklists
BQAI-190-9 Exhibit #4 VI	Changed attachment number, objective evidence	For consistency with other checklists
BQAI-190-9 Exhibit #4 X	Added torque instrument calibration info.	Need correction
BQAI-190-9 Exhibit #4 X	Change torque	S&L request
BQAI-190-9 Exhibit #4 XI	Clarified physical damage deleted "Safety of the Plant"	To provide clarification for Field Verification Engineer
BQAI-190-9 Exhibit #4 XII	Changed attachment number, objective evidence	For consistency with other checklists
BQAI-190-9 Attachment 2	Correct ClE to ClR	S&L request
BQAI-190-9 Para. 6.1	Changed exhibit numbers	To be consistent with other checklists
BQAI-190-12 Para. 6.1	Changed exhibit number	Consistency
BQAI-190-12 Para. 7.1-16	Delete	Rev. now on checklist pages
BQAI-190-12 Para. 8.0	Changed exhibit numbers	Consistency with other checklists
BQAI-190-12 I	Added objective evidence	Provide clarification
BQAI-190-12 II	Changed attachment number	Consistency with other checklists
BQAI-190-12 IV	Changed attachment number	Consistency with other checklists
BQAI-190-12 VII	Changed attachment number	Consistency with other checklists

BQAI-190-12 IX	Changed attachment number	Consistency with other checklists
BQAI-190-12 Exhibit #1 and #2 I	Deleted verbage	Clarification of intent S&L request
BQAI-190-12 Attachment 1	Change bend radius (01125)	Typo error S&L request
BQAI-190-12 Attachment 1	Change bend radius (01165)	Typo error S&L request
BQAI-190-12 Attachment 2	Correct C1E to C1R	S&L request