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4410-85-L-0219
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November 4, 1985

TMI Program Office
Attn: Dr. W. D. Travers
Acting Director
US Nuclear Regulatory Commission
c/o Three Mile Island Nuclear Station
Middletown, PA 17057

Dear Dr. Travers:

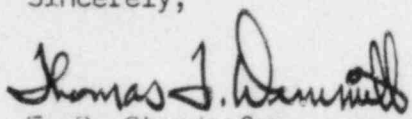
Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Canister Checklist, Revision 3

In accordance with GPU Nuclear letter 4410-85-L-0210 dated October 28, 1985, Revision 3 to Checklist M-10 for the first four NES-fabricated filter canisters is attached. This revision deletes the reference to Bechtel Purchase Order (PO) TC-018139.

Revision 2 of Checklist M-10 referenced two (2) Bechtel PO's, i.e., TC-016181 and TC-018139, for procurement of catalyst from Atomic Energy of Canada Limited (AECL). However, only PO TC-016181 is applicable to this vendor. PO TC-018139, which is listed on Checklist M-2, applies to catalyst material procured from the Englehard Corporation.

GPU Nuclear does not anticipate further changes to the checklist; but, we will notify your staff in the event of further revisions.

Sincerely,


F. R. Standerfer
for Vice President/Director, TMI-2

FRS/RDW/eml

Attachment

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Filter Canister
Checklist Package
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NOTE: Where the checklist denotes Selamco, it means the same as NES.

1. Checklist Verification Summary pages (22 pages)
2. Materials (M) Checklists (Note 1)

<u>Checklist</u>	<u>Drawing No.</u>	<u>Subject</u>
M-1	1150917D	Canister Lower Head
M-2	1150940A	Recombiner Catalyst Pellet
M-3	1150944C	Skirt
M-4	1150945C	Shell
M-5	1150949D	Tube
M-6-A	1150949D	Top & Bottom End Plugs
M-6-B	1150949D	Top & Bottom End Plugs
M-7	1150949D	B ₄ C Pellets
M-8-A	1150957B	Plug
M-8-B	1150957B	Plug
M-9-A	1150958D	Upper Head
M-9-B	1150958D	Upper Head
M-10	1150972A	Silicon-Coated Recombiner Catalyst
M-11	1154097A	Hansen Part No.
M-12	1154098A	Hansen Part No.
M-13	1154099A	Hansen Part No.
M-14	1154110A	Hansen Part No.
M-15	1154114A	Hansen Part No.
M-16	1154044	Inlet Outlet/Coupler

3. Fabrication (F) Checklist (F-1 & F-2 Note 2, all others Note 1)

<u>Checklist</u>	<u>Drawing No.</u>	<u>Subject</u>
F-1	1154018F	Assembly (Note 2)
F-2	1154020E	Subassembly (Note 2)
F-3	1150959D	Upper Head
F-4	1154045D	Lower Head - Catalysts

Note 1: One Material Checklist applies to F-401, F-402, F-403 and F-404.
Note 2: Separate Checklists for F-401, F-402, F-403 and F-404.

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ATTACHMENT
(4410-85-L-0219)

3. Fabrication (f) Checklist (Cont.)

<u>Checklist</u>	<u>Drawing No.</u>	<u>Subject</u>
F-5	1150917D	Lower Head
F-6	1150944C	Skirt
F-7	1150945C	Shell
F-8	1150949D	Tubes - Loaded Pellets
F-9	1150957B	Plug
F-10	1150958D	Upper Head
F-11	1154044C	Inlet/Outlet Coupler

4. Welding (W) and NDE Checklists (Note 2)

<u>Checklist</u>	<u>Drawing No.</u>	<u>Subject</u>
W-1	1154018F	Upper Head
W-2	1154020E	Subassembly
W-3	1150959D	Upper Head
W-4	1150949D	Top & Bottom End Plugs

5. Canister Checklist Verification Discrepant Items for which no NES action is required (Attachment No. 1)

<u>Item No.</u>	<u>Subject</u>
1.	Calibration of Receipt Inspected Equipment/Tools
2.	Details on Receipt Inspection Records
3.	Part 21 not Imposed on Sub-suppliers
4.	ANSI N 45.2 Requirements not Identified
5.	NCR Review
6.	SDDR Review
7.	Calibration of Incoming, Inprocess, and Final Inspection Equipment and Tools

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6. Comments

- 1. Resolution of NES Receipt Inspection(s) on Customer (Bechtel)-
furnished material.
2. SDDR's
3. Calibration of Incoming, Inprocess and Final Inspection
Equipment and Tools.
4. Upper head traceability.
5. Catalyst Inspection.

CHECKLIST COMPLETION FORMAT

The first 22 pages of the checklist consist of the identification of critical attributes required to be verified for all four (4) Filter Canisters. The balance of the checklist package reflects documentation of the verifications. In most of the checklists, verification of the attributes were performed simultaneously for all four Filter Canisters. The checklists bearing Nos. M1 to M16 and F-3 to F-11 were determined to be common for all four Filter Canisters. These checklists bear identification number F-402. The remaining checklists F-1, F-2, W-1, W-2, W-3, and W-4 are unique for each of the four Filter Canisters bearing identifications F-401, F-402, F-403, and F-404 respectively.

Bechtel Review Team

W. C. Lowery, Bechtel Quality Assurance
P. C. Kochis, Bechtel Engineer
B. Bain, Bechtel Material and Quality Services

Review Dates - July 29 through September 27, 1985

T-401

Revision Index Page

Revision	Date	Description
0	10-2-85	Issued for comment.
1	10-10-85	Revised several index and checklist pages to incorporate administrative corrections of typo items and to incorporate comments from GPU QA.
2	10-13-85	Reissued, for configuration control purpose, all pages of the checklists packages and identified as Revision 2. Also revised checklist pages M-6B page 1, M-7 page 1, M-16 pages 1 and 2, F-3 page 1, F-3 page 2, F-4 page 2, F-8 page 1, F-8 page 2.
3	10-29-85	Reissued Checklist No. M-10, Page 1, deleted reference to P.O., No. TC-018139.

IDENTIFICATION OF ATTRIBUTES, VERIFICATION REQUIREMENTS, AND VERIFICATIONS Rev. 3

DRAWING NO	ITEM NO	QUANTITY	DESCRIPTION	REQUIREMENT FOR VERIFICATION	VERIFICATION
1150972A Rev. 1	1		Silicon - Coated recombining catalyst requirements defined in 6 notes.	MATERIALS 1. Purchase Order (P.O.) a. ANSI N45.2 requirements identification b. Identification of Part 21 applicability c. Is Source/Receipt Inspection identified d. Identification of Document submittals. 2. Suppliers a. Included on Qualified Source List b. Evidence of Audit/Survey c. Evidence of Auditor Certifications 3. Receipt Inspection (RI) a. Documented approval of RI requirements b. CMTRs/C of Cs review c. Other P.O. required documents review	TC-016181 Bechtel P.O. _____ This MATERIAL was supplied by GPU NUCLEAR, INC. (Bechtel North American Power Corp.) There for checklist items 1, (P.O.) and 2, (suppliers) are not applicable to NES. 3. Receipt Inspection: • NES Policies and Procedures Manual, Q-12 includes Receipt Inspection requirements. (See comment No. 1) • C of C from AECL See memo 2 • No other documents required to be submitted. Therefore, no review of documents required.
* This checklist also applies to canisters: s/n F-401 (Shell s/n 45P2) s/n F-404 (Shell s/n 140P2) s/n F-403 (Shell s/n 11P2)					