

MARTIN MARIETTA CORPORATION

Regulatory Suppl File Cy.
Baltimore,
Maryland
21203

Refer to: ACC-548
CWK:845

April 12, 1967

United States Atomic Energy Commission
Division of Material Licensing
Washington, D. C. 20545

Attention: Mr. Donald A. Nussbaumer, Chief
Source and Special Nuclear Materials Branch

Subject: Title 10 Code of Federal Regulations Part 70 as Revised

Gentlemen:

In compliance with Section 70.51C of 10CFR70, the Martin Marietta Corporation hereby makes application for approval of its procedures for the safeguarding of special nuclear material. In our application for renewal of Special Nuclear Material License No. 53 dated January 28, 1965, we included, as Section V, Part A, a description of our Nuclear Materials Management procedures for the control of special nuclear material at our Middle River, Maryland facilities. These procedures, which have been approved by the AEC New York Operations Office as control procedures for SS Station MBL and by the AEC Oak Ridge Operations Office for use in connection with our Supply Agreement, apply not only to the control of special nuclear material but also for safeguarding it against unauthorized use. Although all of Section V, Part A is applicable in presenting the total system and the interplay of various functions and responsibilities, those portions in our application which apply more specifically to the specific divisions of Part 70.22(b)(1) are referenced as follows:

70.22(b)(1) Section V, Part A of SNM-53 renewal application dated January 28, 1965 as revised
Martin Marietta Corporation procedure OP-B4.107 of the Appendix of the above application, pages A-1 through A-7

70.22(b)(1)(i) Internal Control, pages V-A-5 and V-A-6 of subject application
Receipt, Storage, Shipment, Function Flow Chart, page V-A-3
Control of Special Nuclear Material, page V-A-4
Storage Areas Section IV, Part A, pages IV-A-1 through IV-A-5 for description of storage areas

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- 70.22(b)(1)(ii) Control of Special Nuclear Material - General
Discussions, page V-A-4
Processing Process Control, page V-A-6
Fabrication, page V-A-12
Utilization, page V-A-14
Procedure OP-B4.107 Utilization of Radioactive
Material, pages A-5 and A-6 of Appendix
Solution Control Procedure, pages A-8 through
A-13 of Appendix
Control of Uranium Bearing Excess Material,
pages A-14 through A-17 of Appendix
- 70.22(b)(1)(iii) Process Control, page V-A-6
Physical Inventory, page V-A-15
Process Losses Physical Inventory Records, page V-A-9
- 70.22(b)(1)(iv) Record System, pages V-A-8 through V-A-11
Records
- 70.22(b)(1)(v) Physical Inventory, page V-A-15
Physical In- Measurements and Statistics, pages V-A-12 through
ventory and V-A-13a
Measurements
- 70.22(b)(1)(vi) Organizational Structure and Responsibility,
Administrative page V-A-2
Controls

Thank you for your effort in processing this application.

Very truly yours,

MARTIN MARIETTA CORPORATION
Baltimore Division

C. W. Keller

C. W. Keller
Nuclear Accountability and
Licensing Representative

CWK:ls

