

TABLE OF CONTENTS

5.0 SHIELDING EVALUATION	5-1
5.1 APPENDICES.....	5-1
5.1.1 References.....	5-1

5.0 SHIELDING EVALUATION

The enriched commercial grade uranium fuel assemblies do not emit any significant form of radiation to have an effect on package external dose rates. The negligible quantity of radiation emitted from contents and the shielding provided by the packaging materials of the Traveller effectively limit radiation levels on the external surface of the package. Under routine and normal conditions of transport, the radiation level does not exceed 2 mSv/hour (200 mrem/hour) at any point on the external surface of the package, meeting the requirements for a Type A fissile package specified in SSR-6 (§527) [1] and 10CFR71.47(a) [2].

5.1 APPENDICES

5.1.1 References

- [1] International Atomic Energy Agency, "Regulations for the Safe Transport of Radioactive Material," SSR-6, 2012.
- [2] U.S. Nuclear Regulatory Commission Code of Federal Regulations, Title 10 Part 71, "Packaging and Transport of Radioactive Material," 2016.