



**Chapter 18 – Highly-Enriched to Low-Enriched  
Uranium Conversion  
ATOMIC ALCHEMY INC.**

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## CHAPTER 18

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## 18 HIGHLY-ENRICHED TO LOW-ENRICHED URANIUM CONVERSION

### 18.0 INTRODUCTION

This chapter does not apply to the Atomic Alchemy facility because it is a new facility which uses low-enriched uranium for reactor fuel. Additionally, the Interim Staff Guidance for NUREG-1537, Part 1, states that, "This chapter does not apply to radioisotope production facilities." (NRC, 2012).

### 18.1 REFERENCES

Nuclear Regulatory Commission. 2012. Interim Staff Guidance Augmenting NUREG-1537, Part 1, Rev 0, "Guidelines for Preparing and Reviewing Applications for the Licensing of Non-Power Reactors: Format and Content."