



$b_{\alpha}C\Gamma \quad \dot{\triangleright}^a_{\alpha} \alpha^{\flat b} \rangle C^a \sigma \quad \triangleleft^b C d C n \cdot \sigma^{\flat} \rfloor \quad \wedge C n \cdot \triangleleft \sigma \quad \text{f}\rho \Gamma \text{f}\rho \sigma^{\flat b}$

An Overview of the Work of Canada's Nuclear Waste Management Organization

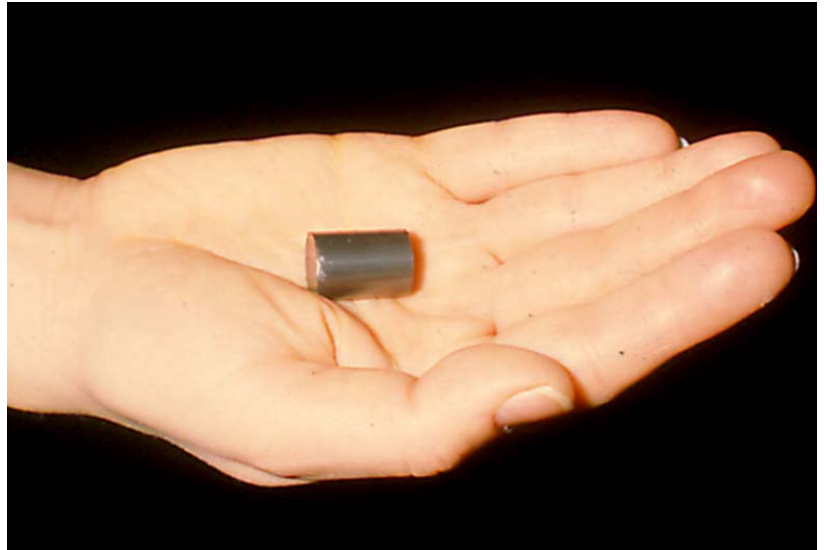
R. Anthony Hodge, ‘ᄡᆞᆯᆫᆯᆮᆺ’, NWMOᄢᆞᆸ

R. Anthony Hodge, Senior Advisor, NWMO

Monday, 8 November 2004, Ottawa

ᐅᓐᓇ ᖃᐅᓕᓐᓯ ᐅᓕᓕᓐᓯᐅᓕᓐᓯ ᐱᓕᓕ ᓄᓐᓴᓕᓐᓯᐅᓕᓐᓯ

Fuel Bundle and Uranium Pellet



Water Pool Storage of Used Nuclear Fuel



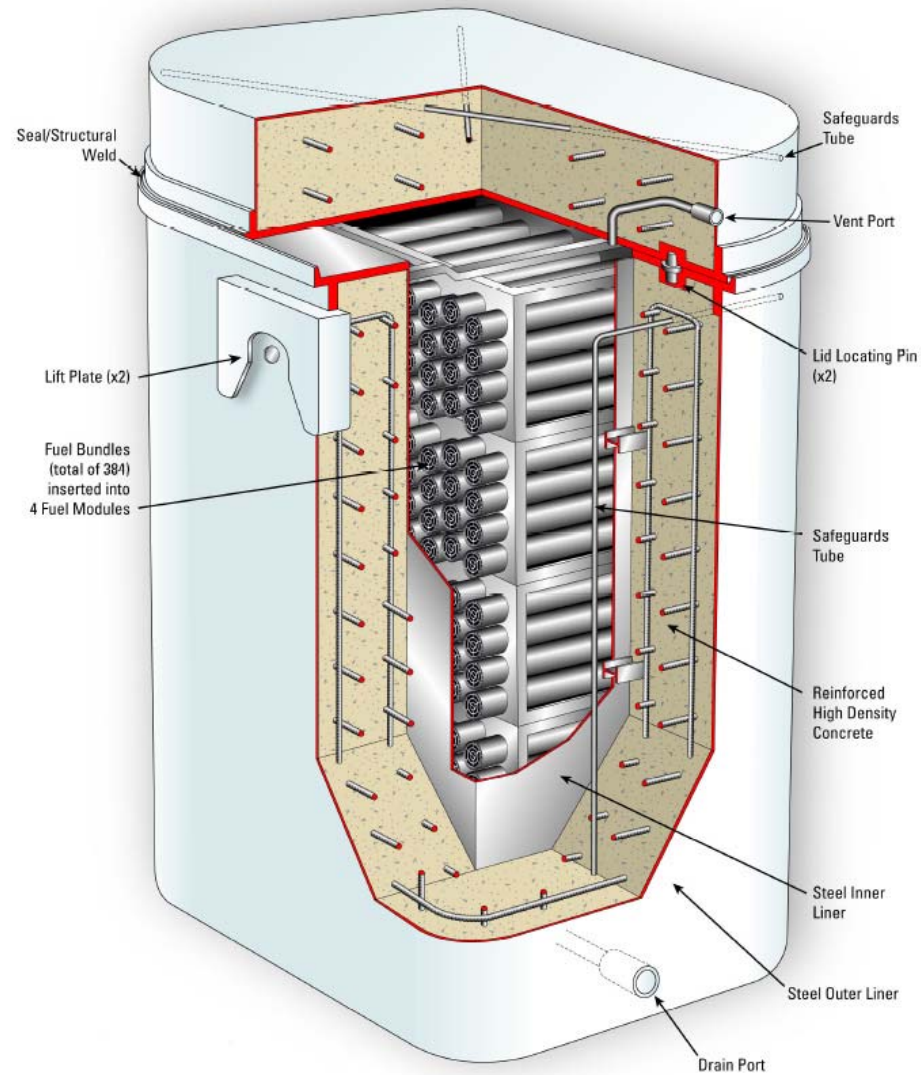
- ፌዴራል ኢንፎርሜሽን ፖሊሲ ሪፖርት ለኢትዮጵያ
ፖሊሲ ሪፖርት ለኢትዮጵያ Used nuclear fuel initially very hot and highly radioactive
- ጋራ ጋራ ጋራ ጋራ ጋራ ጋራ
ፖሊሲ ሪፖርት ለኢትዮጵያ Stored in water pools in reactor buildings for cooling and shielding
- ለኢትዮጵያ ጋራ ጋራ ጋራ ጋራ ጋራ ጋራ
20፡ ፖሊሲ ሪፖርት ለኢትዮጵያ Water pool capacity 15 to 20 years of reactor production

ᐱᐃᐅᐅᐅ ᐃᐅᐅᐅᐅᐅᐅᐅ ᐃᐅᐅᐅᐅᐅᐅᐅ

Pickering Waste Management Facility

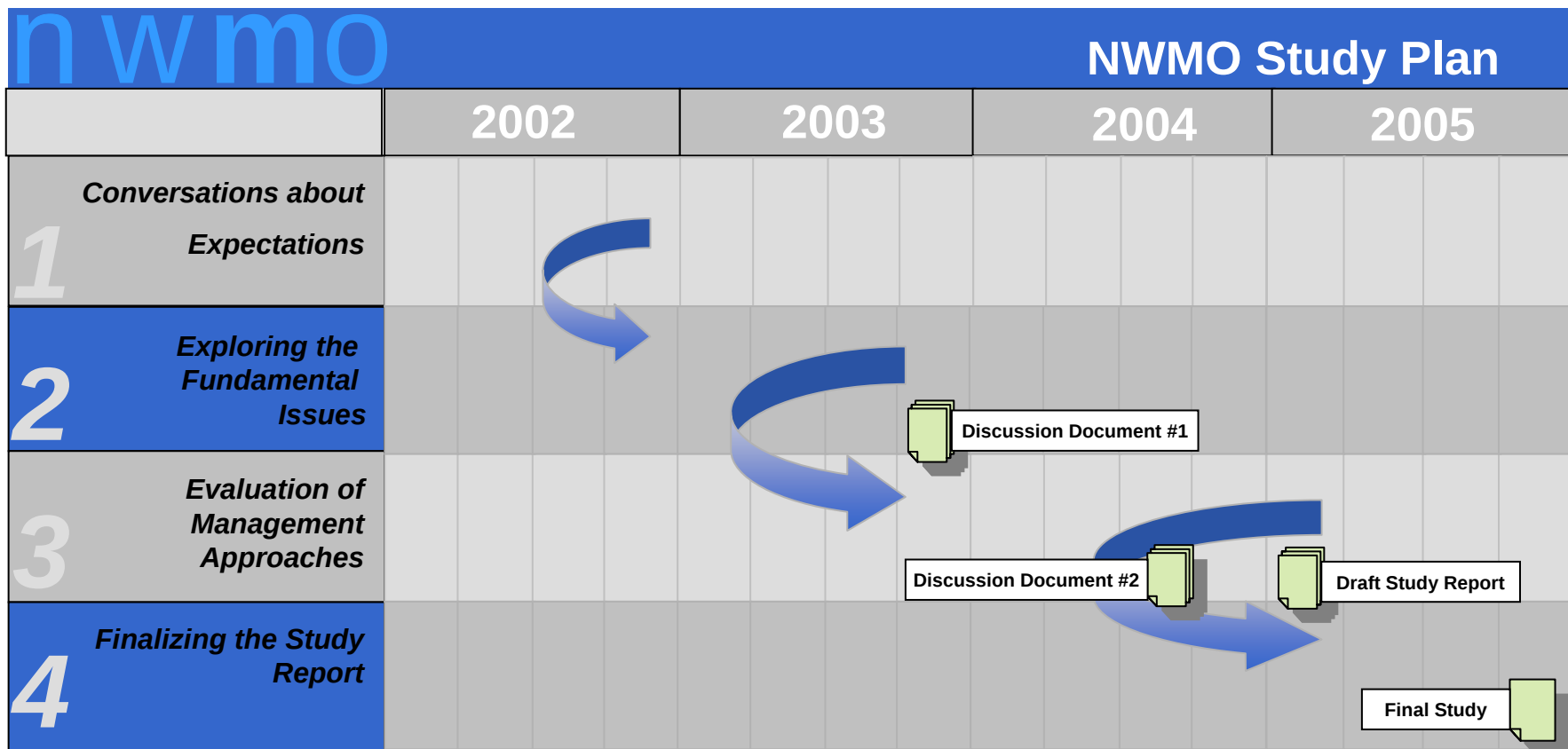


Dry Storage Container



The Nuclear Fuel Waste Act (NFWA)

NWMO Study Plan & Milestone Documents



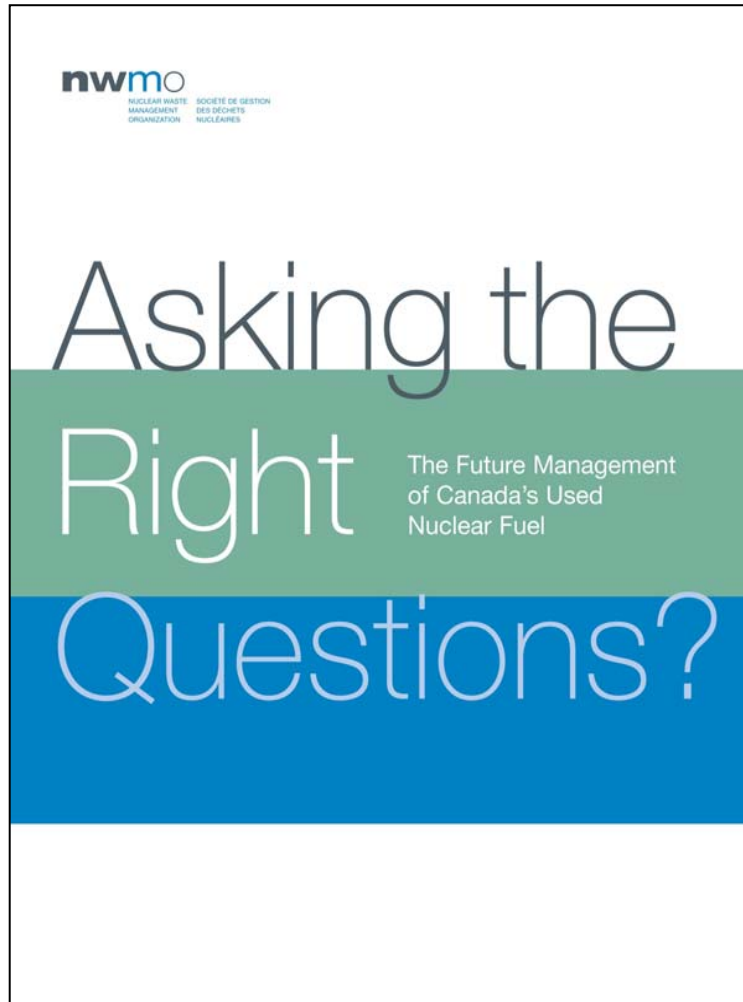
ጠገን ጥገና
ጥገና ጥገና
Institutions &
Governance

Participation

**Aboriginal
Values**

ΔϭL^c∩Δ^cσ^c_b
Ethics

Continuous Learning



በኢኢ 2003 DECEMBER

Human Health

Security

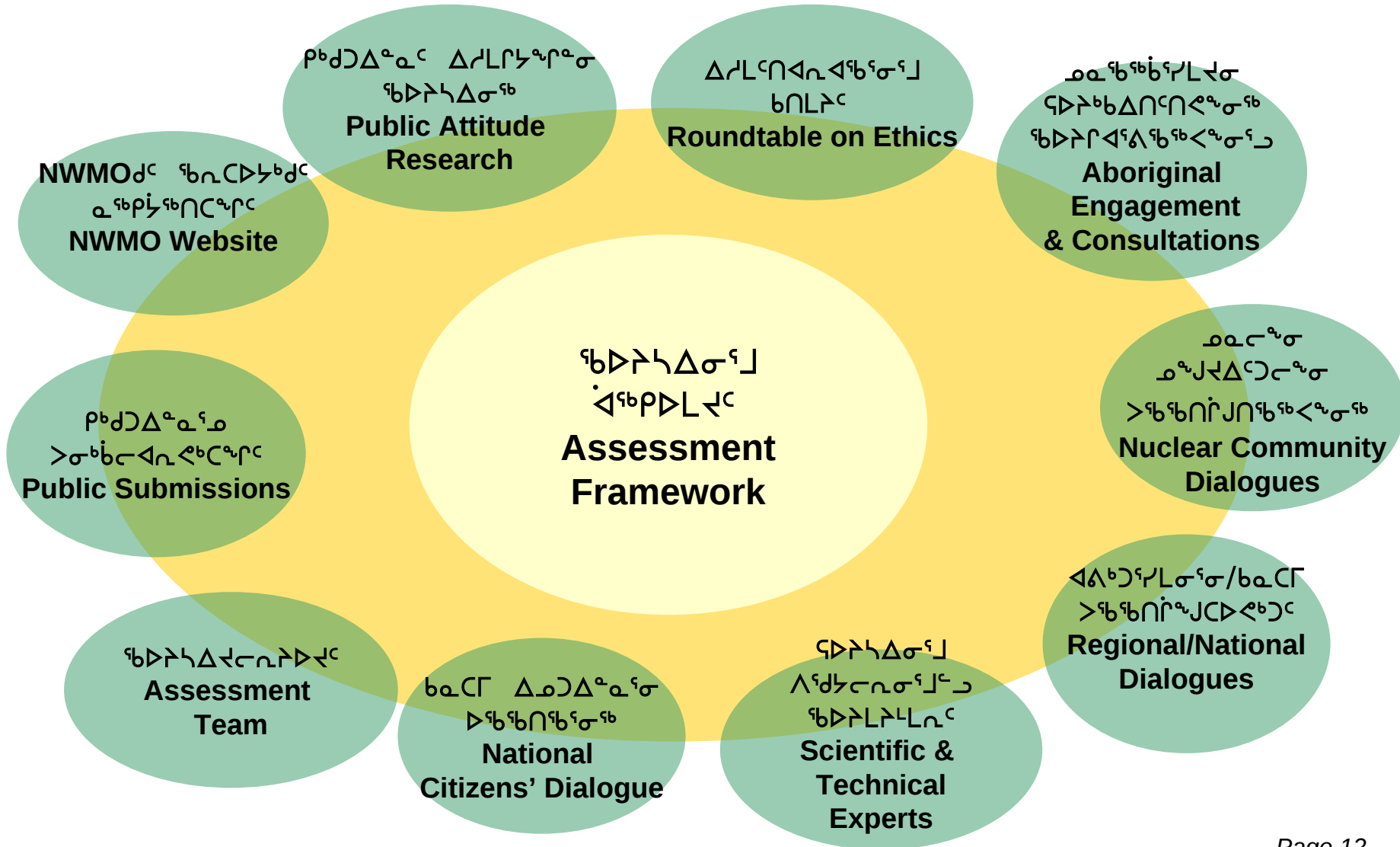
ᐃᓕᓂᐃᓂ
ᐃᑲᐱᐅᓯᓴᐅᐃᓴᓂᑳ
Environmental
Integrity

$P_{\alpha} \triangleright \neg C \triangleright^{\text{fb}} \neg C \triangleleft \sigma^{\text{f}} \rfloor$

$\triangleleft \neg \sigma^{\text{fb}} C \cap \triangleleft^{\text{f}} \supset \cap^{\text{c}}$

Economic Viability

Technical Adequacy



Discussion Document 2: *Understanding the Choices*



ᑭᐅᔨᕐᕈᓴᕐᕋᕐ ᐱᕐᕈᓴᕐᕋᕐ ᐱᕐᕈᓴᕐᕋᕐ Assessment Framework

[illegible]

Based on the views of citizens and experts, the emerging framework for assessing the management approaches includes:

ΔοῦΔ' αἰς τὸν ἑαυτοῦ ἰσχυρὸν ἄνθρωπον **Citizen Values**

- ልሽናዊ ርዕሰ ጉዳዮች
 - ልማድ ጥበቃ
 - ለሥራ ጥበቃ ርዕሰ ጉዳዮች
 - ልማድ ጥበቃ
 - ሥራ ጥበቃ
 - ሥራ ጥበቃ & ልማድ ጥበቃ
 - ልማድ ጥበቃ
- Safety from harm**
Stewardship
Responsibility
Knowledge
Adaptability
Accountability & Transparency
Inclusion

Δ₁L^cΠΔ₂Δ₃Δ₄Δ₅Δ₆Δ₇Δ₈Δ₉Δ₁₀Δ₁₁Δ₁₂Δ₁₃Δ₁₄Δ₁₅Δ₁₆Δ₁₇Δ₁₈Δ₁₉Δ₂₀Δ₂₁Δ₂₂Δ₂₃Δ₂₄Δ₂₅Δ₂₆Δ₂₇Δ₂₈Δ₂₉Δ₃₀Δ₃₁Δ₃₂Δ₃₃Δ₃₄Δ₃₅Δ₃₆Δ₃₇Δ₃₈Δ₃₉Δ₄₀Δ₄₁Δ₄₂Δ₄₃Δ₄₄Δ₄₅Δ₄₆Δ₄₇Δ₄₈Δ₄₉Δ₅₀Δ₅₁Δ₅₂Δ₅₃Δ₅₄Δ₅₅Δ₅₆Δ₅₇Δ₅₈Δ₅₉Δ₆₀Δ₆₁Δ₆₂Δ₆₃Δ₆₄Δ₆₅Δ₆₆Δ₆₇Δ₆₈Δ₆₉Δ₇₀Δ₇₁Δ₇₂Δ₇₃Δ₇₄Δ₇₅Δ₇₆Δ₇₇Δ₇₈Δ₇₉Δ₈₀Δ₈₁Δ₈₂Δ₈₃Δ₈₄Δ₈₅Δ₈₆Δ₈₇Δ₈₈Δ₈₉Δ₉₀Δ₉₁Δ₉₂Δ₉₃Δ₉₄Δ₉₅Δ₉₆Δ₉₇Δ₉₈Δ₉₉Δ₁₀₀Δ₁₀₁Δ₁₀₂Δ₁₀₃Δ₁₀₄Δ₁₀₅Δ₁₀₆Δ₁₀₇Δ₁₀₈Δ₁₀₉Δ₁₁₀Δ₁₁₁Δ₁₁₂Δ₁₁₃Δ₁₁₄Δ₁₁₅Δ₁₁₆Δ₁₁₇Δ₁₁₈Δ₁₁₉Δ₁₂₀Δ₁₂₁Δ₁₂₂Δ₁₂₃Δ₁₂₄Δ₁₂₅Δ₁₂₆Δ₁₂₇Δ₁₂₈Δ₁₂₉Δ₁₃₀Δ₁₃₁Δ₁₃₂Δ₁₃₃Δ₁₃₄Δ₁₃₅Δ₁₃₆Δ₁₃₇Δ₁₃₈Δ₁₃₉Δ₁₄₀Δ₁₄₁Δ₁₄₂Δ₁₄₃Δ₁₄₄Δ₁₄₅Δ₁₄₆Δ₁₄₇Δ₁₄₈Δ₁₄₉Δ₁₅₀Δ₁₅₁Δ₁₅₂Δ₁₅₃Δ₁₅₄Δ₁₅₅Δ₁₅₆Δ₁₅₇Δ₁₅₈Δ₁₅₉Δ₁₆₀Δ₁₆₁Δ₁₆₂Δ₁₆₃Δ₁₆₄Δ₁₆₅Δ₁₆₆Δ₁₆₇Δ₁₆₈Δ₁₆₉Δ₁₇₀Δ₁₇₁Δ₁₇₂Δ₁₇₃Δ₁₇₄Δ₁₇₅Δ₁₇₆Δ₁₇₇Δ₁₇₈Δ₁₇₉Δ₁₈₀Δ₁₈₁Δ₁₈₂Δ₁₈₃Δ₁₈₄Δ₁₈₅Δ₁₈₆Δ₁₈₇Δ₁₈₈Δ₁₈₉Δ₁₉₀Δ₁₉₁Δ₁₉₂Δ₁₉₃Δ₁₉₄Δ₁₉₅Δ₁₉₆Δ₁₉₇Δ₁₉₈Δ₁₉₉Δ₂₀₀Δ₂₀₁Δ₂₀₂Δ₂₀₃Δ₂₀₄Δ₂₀₅Δ₂₀₆Δ₂₀₇Δ₂₀₈Δ₂₀₉Δ₂₁₀Δ₂₁₁Δ₂₁₂Δ₂₁₃Δ₂₁₄Δ₂₁₅Δ₂₁₆Δ₂₁₇Δ₂₁₈Δ₂₁₉Δ₂₂₀Δ₂₂₁Δ₂₂₂Δ₂₂₃Δ₂₂₄Δ₂₂₅Δ₂₂₆Δ₂₂₇Δ₂₂₈Δ₂₂₉Δ₂₃₀Δ₂₃₁Δ₂₃₂Δ₂₃₃Δ₂₃₄Δ₂₃₅Δ₂₃₆Δ₂₃₇Δ₂₃₈Δ₂₃₉Δ₂₄₀Δ₂₄₁Δ₂₄₂Δ₂₄₃Δ₂₄₄Δ₂₄₅Δ₂₄₆Δ₂₄₇Δ₂₄₈Δ₂₄₉Δ₂₅₀Δ₂₅₁Δ₂₅₂Δ₂₅₃Δ₂₅₄Δ₂₅₅Δ₂₅₆Δ₂₅₇Δ₂₅₈Δ₂₅₉Δ₂₆₀Δ₂₆₁Δ₂₆₂Δ₂₆₃Δ₂₆₄Δ₂₆₅Δ₂₆₆Δ₂₆₇Δ₂₆₈Δ₂₆₉Δ₂₇₀Δ₂₇₁Δ₂₇₂Δ₂₇₃Δ₂₇₄Δ₂₇₅Δ₂₇₆Δ₂₇₇Δ₂₇₈Δ₂₇₉Δ₂₈₀Δ₂₈₁Δ₂₈₂Δ₂₈₃Δ₂₈₄Δ₂₈₅Δ₂₈₆Δ₂₈₇Δ₂₈₈Δ₂₈₉Δ₂₉₀Δ₂₉₁Δ₂₉₂Δ₂₉₃Δ₂₉₄Δ₂₉₅Δ₂₉₆Δ₂₉₇Δ₂₉₈Δ₂₉₉Δ₃₀₀Δ₃₀₁Δ₃₀₂Δ₃₀₃Δ₃₀₄Δ₃₀₅Δ₃₀₆Δ₃₀₇Δ₃₀₈Δ₃₀₉Δ₃₁₀Δ₃₁₁Δ₃₁₂Δ₃₁₃Δ₃₁₄Δ₃₁₅Δ₃₁₆Δ₃₁₇Δ₃₁₈Δ₃₁₉Δ₃₂₀Δ₃₂₁Δ₃₂₂Δ₃₂₃Δ₃₂₄Δ₃₂₅Δ₃₂₆Δ₃₂₇Δ₃₂₈Δ₃₂₉Δ₃₃₀Δ₃₃₁Δ₃₃₂Δ₃₃₃Δ₃₃₄Δ₃₃₅Δ₃₃₆Δ₃₃₇Δ₃₃₈Δ₃₃₉Δ₃₄₀Δ₃₄₁Δ₃₄₂Δ₃₄₃Δ₃₄₄Δ₃₄₅Δ₃₄₆Δ₃₄₇Δ₃₄₈Δ₃₄₉Δ₃₅₀Δ₃₅₁Δ₃₅₂Δ₃₅₃Δ₃₅₄Δ₃₅₅Δ₃₅₆Δ₃₅₇Δ₃₅₈Δ₃₅₉Δ₃₆₀Δ₃₆₁Δ₃₆₂Δ₃₆₃Δ₃₆₄Δ₃₆₅Δ₃₆₆Δ₃₆₇Δ₃₆₈Δ₃₆₉Δ₃₇₀Δ₃₇₁Δ₃₇₂Δ₃₇₃Δ₃₇₄Δ₃₇₅Δ₃₇₆Δ₃₇₇Δ₃₇₈Δ₃₇₉Δ₃₈₀Δ₃₈₁Δ₃₈₂Δ₃₈₃Δ₃₈₄Δ₃₈₅Δ₃₈₆Δ₃₈₇Δ₃₈₈Δ₃₈₉Δ₃₉₀Δ₃₉₁Δ₃₉₂Δ₃₉₃Δ₃₉₄Δ₃₉₅Δ₃₉₆Δ₃₉₇Δ₃₉₈Δ₃₉₉Δ₄₀₀Δ₄₀₁Δ₄₀₂Δ₄₀₃Δ₄₀₄Δ₄₀₅Δ₄₀₆Δ₄₀₇Δ₄₀₈Δ₄₀₉Δ₄₁₀Δ₄₁₁Δ₄₁₂Δ₄₁₃Δ₄₁₄Δ₄₁₅Δ₄₁₆Δ₄₁₇Δ₄₁₈Δ₄₁₉Δ₄

Ethical Principles

- ሥነ-ጥናታዊና ልማት ልዩነቶችን ማስተካከል **Sensitivity to value differences**
- ሥነ-ጥናታዊና ልማት ልዩነቶችን ማስተካከል **Respect for future generations**
- የሕይወት ልዩነቶችን ማስተካከል **Respect for people & cultures**
- ሕይወትን ማስተካከል **Respect for life**
- ልዩነቶችን ማስተካከል **Justice**
- ልዩነቶችን ማስተካከል **Fairness**

၂၄၆၈၉၁၀

Objectives

- ልዩነቶችን በማስቀመጥ **Fairness**
- የፀጋ ልማት ለሕዝብ ጤናና የሕይወት አደጋ **Public Health & Safety**
- ለፍርድ ልማት ጥቅም **Security**
- ለደህንነት ልማት **Environmental Integrity**
- ለሕዝብ ጤናና የሕይወት አደጋ **Worker Health & Safety**
- የፀጋ ልማት ለፍርድ ልማት **Economic Viability**
- ለሕዝብ ጤናና የሕይወት አደጋ **Community Well-being**
- ለደህንነት ልማት **Adaptability**

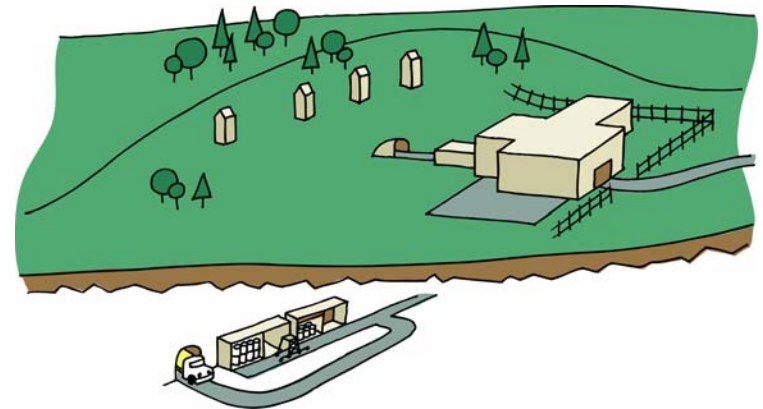
Technical Method: Storage at Reactor Sites



Technical Method: Deep Geological Disposal or Repository



Technical Method: Centralized Storage



Early 2005:

Choosing A Way Forward (Draft Final Report)

- ❖ ለፍቅጥና ለፍጥነት ማረጋገጫ የሚያስፈልጉትን ስራዎች ያቀርባል Includes NWMO's completed assessment of the options
- ❖ የኢኮኖሚክስ ምዕራፍ የሚያቀርቡትን ስራዎች ለማጠናቀቅ ያስፈልጋል Specifies Economic Regions and implementation plans for each approach
- ❖ የሚያቀርቡትን ስራዎች ለማረጋገጫ ያስፈልጋል Presents NWMO's Draft Recommendation on an approach

By November 15, 2005:

Choosing A Way Forward (Final Report to Government)

- ❖ ሊካሄድ ይችላል። የብርሃን አስተማማኝነት በአጠቃላይ ተመልክቶ ነው፡፡ Includes NWMO's final recommendations, with comments from NWMO Advisory Council and summary of comments from public consultations