

From: <rod.krich@exeloncorp.com>
To: <tcj@nrc.gov>
Date: 6/1/04 4:33PM
Subject: Revised Cost Work Sheet

Action Required:
Recommendation:

Tim,

As we discussed today, attached is the revised cost work sheet to replace the one I faxed you.

Rod Krich

<<CEC Cost Estimate Based on Information Provided to NRC in 1993.doc>>

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CEC Cost Estimate Based on Information Provided to NRC in 1993

Conversion

\$4.00/kgU (1993\$) [Ref. 1, page 1, Item 1]

Escalated at 3.5%/year to 1996: $\$4.00/\text{kgU} \times 1.035^3 = \$4.44/\text{kgU}$ (1996\$)

Escalated at 11% from 1996 to 2002: $\$4.44/\text{kgU} \times 1.11 = \$4.93/\text{kgU}$ (2002\$)

Disposal

\$1.00/kg U_3O_8 (1993\$) [Ref. 2, page 2, line 2]

Convert from \$/kg U_3O_8 to \$/kgU: $\$1.00/\text{kg } \text{U}_3\text{O}_8 \times 1.179 \text{ kg } \text{U}_3\text{O}_8/\text{kgU} = \$1.18/\text{kgU}$

Escalate at 4.0% /year to 1996 [Ref. 1, Table 2, Item A]: $\$1.18/\text{kgU} \times 1.04^3 = \$1.327/\text{kgU}$ (1996\$)

Escalated at 11% from 1996 to 2002: $\$1.327/\text{kgU} \times 1.11 = \$1.47/\text{kgU}$ (2002\$)

Transportation

$\$800,000/\text{year}$ (1996\$) [Ref. 1, Table 1, Item B] $\times 1.179 \text{ kg } \text{U}_3\text{O}_8/\text{kgU} = 0.31/\text{kgU}$ (1996\$)
3.0 Million kg $\text{U}_3\text{O}_8/\text{year}$

Escalated at 11% from 1996 to 2002: $\$0.31/\text{kgU} \times 1.11 = \$0.34/\text{kgU}$ (2002\$)

References

1. June 30, 1993 letter to J.W.N. Hickey, NRC, from P.G. LeRoy, LES.
2. June 18, 1993 letter to W.H. Arnold, LES, from J.W.N. Hickey, NRC.