Corrigenda

A. DUBI and Y. S. HOROWITZ, "A Semi-Analytic Solution to the Transport Equation in Spherical Geometry," *Nucl. Sci. Eng.*, **66**, 118 (1978).

In our recent paper, an error appeared in the compilation of the data for case $c = \Sigma_s/\Sigma_t = 0.3$ (Table I). In the method described in the paper, we calculate directly the difference $\phi_1(r) = \phi_\infty(r) - \phi_0(r)$, where ϕ_∞ is the infinite medium solution (flux) and ϕ_0 is the solution to the spherical problem. In the table, results are shown for $4\pi r^2\phi_0$, which should be derived from $4\pi r^2\phi_0 = 4\pi r^2\phi_\infty - 4\pi r^2\phi_1$. Unfortunately, in preparing the data for $c = 0.3$, we used $4\pi r^2\phi_0 = 4\pi r^2\phi_\infty - 4\pi\phi_1$; thus, the results for ϕ_1 were not multiplied by r^2 as they should have been.

This error and its nature were pointed out to us by C. E. Siewert and P. Grandjean. Listed below are the corrected results for $4\pi r^2\phi_0$ for $c = 0.3$.

Correction to Table I

$c = 0.3$	
r	$4\pi r^2\phi_0(r)$
0	1
0.1	0.96417
0.2	0.91868
0.3	0.8688
0.4	0.8169
0.5	0.7643
0.6	0.7116
0.7	0.6591
0.8	0.6067
0.9	0.5531
1.0	0.4905

HUGO W. BERTINI and JANICE S. WHITE, "Effects of Energy Losses of Arbitrary Magnitude on Fuel Quality, Vapor Density, and Bubble Diameter in an Idealized Expansion of Mixtures of UO_2 and Sodium," *Nucl. Sci. Eng.*, **69**, 85 (1979).

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