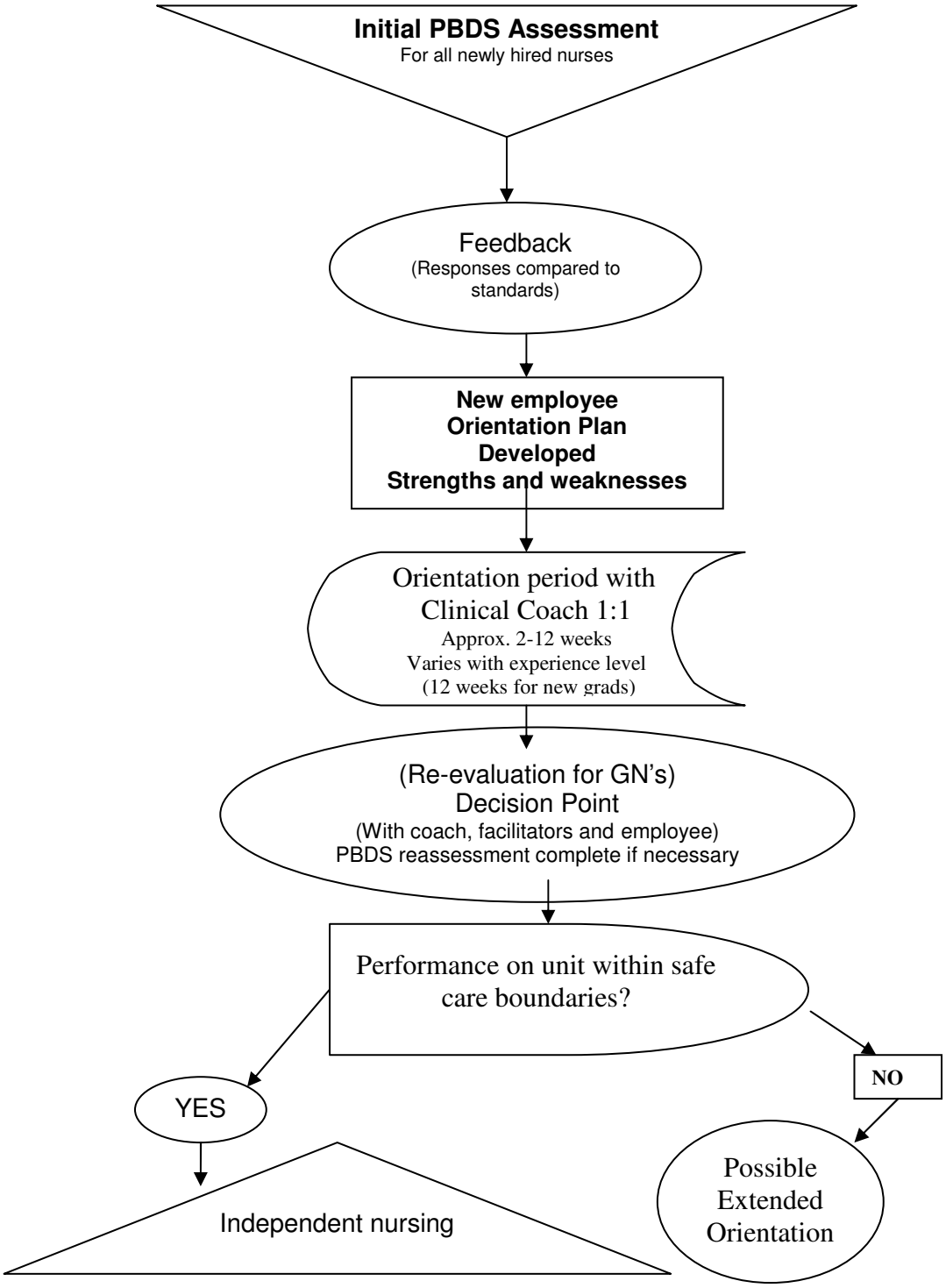PBDS flowchart