From p6c, we can find that g9(g5 = 1) is exactly the same as g9 itself. And g9(g5 = 0) is constant 0. Thus the missing condition is (g9(g5 = 1) & g9). Conjunct it with the Diff condition gives a constant zeros. The output is as follows:

```
BddNode g9_g5 = g9 & g5;
cout << "g9(g5 = 1)" << endl;
cout << g9_g5 << endl;

BddNode g9_ng5 = g9 & ~g5;
cout << "g9(g5 = 0)" << endl;
cout << g9_ng5 << endl;

BddNode diff = g9_g5 ^ g9_ng5;
cout << "bdd diff" << endl;
cout << diff << endl;

BddNode real_criteria = (g9_g5 ^ g9_ng5) & (g9 ^ g9_g5);
cout << "real criteria" << endl;
cout << real_criteria << endl;
```

```
real criteria
[0](-) 0xaac310 (28)

==> Total #BddNodes : 1
```