

```

digraph LimeVendorMealy
{
  overlap=false
  size="8,5"
  node [shape = doublecircle];
  q0[ label = "q0" ]
  node [shape = circle];
  q1 [ label = "q1" ];
  q2 [ label = "q2" ];
  q3 [ label = "q3" ];
  q0 -> q1 [ label = "uStart/ReactsTo(Request);Out(Publish)" ];
  q0 -> q0 [ label = "Notification(Request)/-" ];
  q0 -> q0 [ label = "Tuple(Request)/-" ];
  q0 -> q0 [ label = "uNear/-" ];

  q1 -> q1 [ label = "uStart/-" ];
  q1 -> q2 [ label = "Notification(Request)/In(Request)" ];
  q1 -> q1 [ label = "Tuple(Request)/-" ];
  q1 -> q1 [ label = "uNear/-" ];

  q2 -> q2 [ label = "uStart/-" ];
  q2 -> q2 [ label = "Notification(Request)/-" ];
  q2 -> q1 [ label = "Tuple(Request)/[can_do!=true]/Out(No)" ];
  q2 -> q3 [ label = "Tuple(Request)/[can_do==true]/Out(Yes);Out(Publish)" ];
  q2 -> q2 [ label = "uNear/-" ];
  q3 -> q3 [ label = "uStart/-" ];
  q3 -> q3 [ label = "Notification(Request)/-" ];
  q3 -> q3 [ label = "Tuple(Request)/-" ];
  q3 -> q1 [ label = "uNear/Out(Proximity)" ];
}

```